

**STATE OF ILLINOIS**  
**HENRY HORNER, Governor**



# **COAL REPORT**

---

**ILLINOIS  
1937**

[Printed by authority of the State of Illinois.]









STATE OF ILLINOIS  
HENRY HORNER,  
Governor

---

FIFTY-SIXTH

# Coal Report of Illinois

1 9 3 7

---

DEPARTMENT OF MINES AND  
MINERALS



JAMES McSHERRY, Director  
Springfield

ENOCH MARTIN, Assistant Director  
Springfield

---

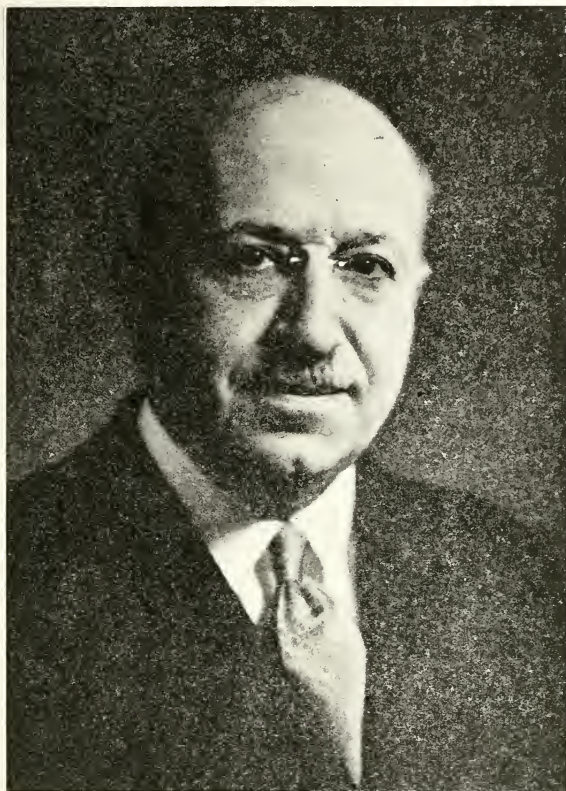
[Printed by authority of the State of Illinois.]

ILLINOIS STATE LIBRARY



14

(55609)



HENRY HORNER  
GOVERNOR

## LETTER OF TRANSMITTAL

---

STATE OF ILLINOIS,  
DEPARTMENT OF MINES AND MINERALS,  
SPRINGFIELD, ILLINOIS, June 1, 1938.

*To His Excellency, Henry Horner, Governor,  
State of Illinois, Springfield.*

SIR: I have the honor to submit herewith the Fifty-Sixth Annual Coal Report of the State of Illinois for the year ending December 31, 1937 with which are also included the reports of all other divisions of the Department of Mines and Minerals.

Respectfully submitted,  
JAMES MCSHERRY, *Director.*

## DEPARTMENT OF MINES AND MINERALS

JAMES MCSHERRY, *Director*,  
Phone Capitol 1400, Station 536,  
Springfield, Illinois.  
ENOCH MARTIN, *Assistant Director*,  
Phone Capitol 1400, Station 537,  
Springfield, Illinois.

### STATE MINING BOARD

JAMES MCSHERRY, *Chairman, Ex-Officio*, Springfield, Illinois.  
L. A. WASSON, *Mine Officer*, Harrisburg, Illinois. Phone 120  
or 175.  
J. W. STARKS, *Mine Officer*, Box 311, Marion, Illinois.  
JESSE JACKSON, *Mine Officer*, 1201 Benton St., Johnston City,  
Illinois, Phone 216.  
GEORGE A. KNOX, *Secy.* 6 Helston Place, Hillsboro, Illinois, Phone  
335L.

### DIVISION OF MINE RESCUE

Belleville, ARTHUR BRADBURY, *Superintendent*, 1013 West Main  
St., Phone 1460.  
Benton, RAY WILLIAMS, *Superintendent*, 503 E. Main St.,  
Phone 67.  
DuQuoin, JOSEPH MORRIS, *Superintendent*, 11 S. Mulberry St.,  
Phone Main 36.  
Eldorado, MICHAEL TAGGART, *Superintendent*, 918 Fourth St.,  
Phone 58-R-2.  
Herrin, BARNEY T. MCSHERRY, *Superintendent*, 114 W. Monroe  
St., Phone 5401.  
Johnston City, HOUSTON W. WEBB, *Superintendent*, 608 Adams  
St., Phone 8-5 R-2.  
LaSalle, PETER H. PROCTOR, *Superintendent*, 245 Buck St.,  
Phone 27.  
Springfield, LEO CHITTY, *Superintendent*, 6th and Princeton,  
Phone Main 1159.

### MINERS' EXAMINING BOARD

EDW. MAHER, *President*, 624 N. McLean St., Lincoln, Illinois.  
STANLEY B. INGERSKI, *Secretary*, Minonk, Illinois.  
JOHN RANCILIO, *Member*, 320 N. 16th St. Herrin, Illinois.  
JOHN B. SCHMACKER, *Member*, 449 S. Chestnut St., Collinsville,  
Illinois.

### MINING INVESTIGATION COMMISSION

SAM CAPE, *Chairman*, Harrisburg, Illinois.  
HERMAN LISSE, *Secretary*, Taylorville, Illinois.  
JOHN E. JONES, West Frankfort, Illinois.  
F. W. HECKENKAMP, Quincy, Illinois.  
H. V. BOWMAN, Danville, Illinois.  
E. A. POWERS, Peoria, Illinois.  
BRICE HOLLAND, West Frankfort, Illinois.  
HENRY VAUGHN, Harrisburg, Illinois.



## LIST OF INSPECTORS

---

First District—Bureau, Grundy, Henry, Kendall, Kankakee, LaSalle, Livingston, Mercer, Putnam, Rock Island and Will Counties.

JOSEPH B. CASASSA, *Inspector*, 209 W. Dakota St., Spring Valley, Ill.

Second District—Marshall, McLean, Peoria, Stark, Tazewell and Woodford Counties.

GEORGE H. DEEMY, *Inspector*, 511 Laura St., Peoria, Ill.

Third District—Adams, Brown, Fulton, Hancock, Henderson, Knox, Mason, McDonough, Schuyler and Warren Counties.

F. M. GUTHRIE, *Inspector*, 347 E. Fulton St., Farmington, Ill.

Fourth District—Cass, Christian, Logan, Menard, Morgan, Pike, Sangamon and Scott Counties.

HARRY ROBERTS, *Inspector*, Edinburg, Ill.

Fifth District—Champaign, Coles, DeWitt, Douglas, Edgar, Ford, Iroquois, Macon, Moultrie, Piatt and Vermilion Counties.

THOMAS MCKENNA, *Inspector*, 1214 E. Main St., Danville, Ill.

Sixth District—Calhoun, Greene, Jersey, Macoupin, Montgomery and Shelby Counties.

JOSEPH FIRTH, JR., *Inspector*, Benld, Ill.

Seventh District—Bond, Clark, Clay, Crawford, Cumberland, Effingham, Fayette, Jasper, Lawrence, Madison, Marion and Richland Counties.

BENN PITTS, *Inspector*, Odin, Ill.

Eighth District—Clinton, Monroe and St. Clair Counties.

DAVID T. STUART, *Inspector*, 132A West Main St., Belleville, Ill.

Ninth District—Jackson, Perry, Randolph and Washington Counties.

LEONARD FORESTER, *Inspector*, Percy, Ill.

Tenth District—Franklin and Jefferson Counties.

WILLIAM J. JOHNSON, *Inspector*, 503 S. Thomas St., Christopher, Ill.

Eleventh District—Edwards, Gallatin, Hamilton, Hardin, Pope, Saline, Wabash, Wayne and White Counties.

LOREN A. BELT, *Inspector*, 117 S. Mill St., Harrisburg, Ill.

Twelfth District—Alexander, Johnson, Massac, Pulaski, Union and Williamson Counties.

FRED SCHOONOVER, *Inspector*, Route No. 1, Carterville, Ill.

# TABLE OF CONTENTS

	PAGE
Officers of Department and Divisions.....	5
State Inspectors and Counties comprising their districts.....	7
Counties and their location by inspection districts.....	10
Introduction .....	11
Central Competitive Field—Joint Scale Committee.....	11
Illinois Joint Scale Committee.....	16
Table A—Mines and Production—2 year table.....	28
Table B—Working Time—2 year table.....	28
Table C—Employees—2 year table .....	28
Table D—Mechanical Loading—10 year table.....	29
Table E—Machine Mining—10 year table.....	29
Table F—Accidents—10 year table .....	30
Shipping mines suspending operations 1931 to 1937.....	30
Shipping mines suspending operations, 1931 to 1937, summary by counties .....	31
Comparative annual production of five leading states, five years.....	31
Directory of shipping mines.....	32
General statement with comparative figures for five years.....	38
Table 1—Classification of mines by districts.....	38
Table 2—Summary of mines by years.....	39
Table 3—Classification of mines by output.....	40
Table 4—Output averages and percentages.....	40
Table 5—Classification of mines by days worked.....	41
Table 6—Days worked percentages.....	41
Table 7—Classification of mines by employees.....	41
Table 8—Employee percentages .....	42
State recapitulation of district summaries of production.....	44
Table 9—Classification of shipping mines by days worked, by districts	46
Table 10—Classification of local mines by days worked, by districts....	46
Table 11—Shipping mines, location, tonnage, etc. ....	48
Table 12—Output and days worked each month, shipping mines.....	52
Table 13—Output and days worked each month by districts.....	62
Table 14—Mines in operation and days worked each month, by districts	62
Table 15—Classification of mine employees, shipping mines.....	64
Table 16—Classification of mine employees by districts.....	76
Table 17—Output of shipping mines by months, six years.....	78
Table 18—Mines operated and days worked each month, six years....	78
Table 19—Shipping mines gain or loss by counties in mines, men, tons and days .....	79
Table 20—Relative rank of counties, five years.....	80
Table 21—Tons produced in shipping mines for 18 years.....	80
Table 22—Shipping mines dividing working time .....	81
Table 23—Graded output by counties in each district.....	82
Table 24—Disposition of output by counties in each district.....	84
Table 25—Tons mined for years 1928 to 1937 by counties in each district	86
Table 26—Mines served by railroads .....	95
Table 27—Railroads handling coal and mines served.....	102
Table 28—Railroads handling coal, summary.....	109
Special preparation plants .....	110
Table 29—Methods of mining .....	111
Table 30—Underground haulage .....	111
Table 31—Mines operated, strip mines, machine mines, motor haulage, 1907 to 1937 .....	112
Table 32—Explosives used in strip mines.....	113
Table 33—Explosives used in local mines.....	113
Table 34—Shipping mines using mechanical loading devices.....	114



# TABLE OF CONTENTS—Concluded

Table 35—Mechanical loading for ten years, 1928 to 1937.....	116
Table 36—Method of loading, shipping mines for ten years.....	116
Table 37—Physical and mechanical characteristics of shipping mines..	117
Table 38—Summary of coal seams.....	124
Table 39—List of fatalities .....	124
Table 40—Fatal accidents by districts and causes.....	127
Table 41—Fatal accidents by occupations and causes.....	127
Table 42—Fatal accidents by months.....	128
Table 43—Conjugal relation of men killed.....	128
Table 44—Causes of fatal accidents by years.....	129
Table 45—Shipping mines in which fatal accidents occurred.....	130
Table 46—Production for 56 years.....	131
Table 47—Illinois fatalities compared with U. S. by years.....	132
Table 48—Non-fatal accidents by districts and months.....	133
Table 49—Summary—Disposition of output.....	134
Report of State Inspectors:	
First District .....	135
Second District .....	150
Third District .....	160
Fourth District .....	178
Fifth District .....	188
Sixth District .....	200
Seventh District .....	210
Eighth District .....	220
Ninth District .....	230
Tenth District .....	242
Eleventh District .....	250
Twelfth District .....	260
Supplement .....	271
Report of Division of Inspection.....	273
Summary of Specific Work Report.....	274
Miners' Examining Board .....	275
Summary Miners' Examining Board .....	277
Division of Mine Rescue Stations.....	278
Division of Economic Investigation:	
Table 1—Limestone .....	280
Table 2—Oil and Gas .....	281
Table 3—Sand and Gravel .....	283
Table 4—Shale and Clay .....	285
Table 5—Silica .....	286
Table 6—Fullers Earth .....	287
Table 7—Limestone by counties, production, etc. ....	287
Table 8—Oil and Gas, by counties, production, etc. ....	288
Table 9—Sand and Gravel, by counties, production, etc. ....	288
Table 10—Shale and Clay, by counties, production, etc. ....	289
Table 11—Silica, by counties, production, etc. ....	289
Table 12—Summary of tables 7, 8, 9, 10 and 11.....	289
Table 13—Mineral industries of Illinois.....	290
Report of Metal Mines:	
Table 1—Fluorspar mines .....	292
Table 2—Production and disposition of output.....	293
Report of State Mining Board:	
State Mine Inspector .....	294
Mine Managers, First Class.....	294
Mine Managers, Second Class.....	296
Mine Examiners .....	297
Steam Hoisting Engineers .....	299
Electrical Hoisting Engineers .....	299
Permits to operate second motion steam engines.....	300
Permits to operate second motion electric engines.....	300

County	Inspection District
Adams .....	Third
Alexander .....	Twelfth
Bond .....	Seventh
Brown .....	Third
Bureau .....	First
Calhoun .....	Sixth
Cass .....	Fourth
Champaign .....	Fifth
Christian .....	Fourth
Clark .....	Seventh
Clay .....	Seventh
Clinton .....	Eighth
Coles .....	Fifth
Crawford .....	Seventh
Cumberland .....	Seventh
DeWitt .....	Fifth
Douglas .....	Fifth
Edgar .....	Fifth
Edwards .....	Eleventh
Effingham .....	Seventh
Fayette .....	Seventh
Ford .....	Fifth
Franklin .....	Tenth
Fulton .....	Third
Gallatin .....	Eleventh
Greene .....	Sixth
Grundy .....	First
Hamilton .....	Eleventh
Hancock .....	Third
Hardin .....	Eleventh
Henderson .....	Third
Henry .....	First
Iroquois .....	Fifth
Jackson .....	Ninth
Jasper .....	Seventh
Jefferson .....	Tenth
Jersey .....	Sixth
Johnson .....	Twelfth
Kankakee .....	First
Kendall .....	First
Knox .....	Third
LaSalle .....	First
Lawrence .....	Seventh
Livingston .....	First

County	Inspection District
Logan .....	Fourth
Macon .....	Fifth
Macoupin .....	Sixth
Madison .....	Seventh
Marion .....	Seventh
Marshall .....	Second
Mason .....	Third
Massac .....	Twelfth
Menard .....	Fourth
Mercer .....	First
Monroe .....	Eighth
Montgomery .....	Sixth
Morgan .....	Fourth
Moultrie .....	Fifth
McDonough .....	Third
McLean .....	Second
Peoria .....	Second
Perry .....	Ninth
Piatt .....	Fifth
Pike .....	Fourth
Pope .....	Eleventh
Pulaski .....	Twelfth
Putnam .....	First
Randolph .....	Ninth
Richland .....	Seventh
Rock Island .....	First
St. Clair .....	Eighth
Saline .....	Eleventh
Sangamon .....	Fourth
Schuyler .....	Third
Scott .....	Fourth
Shelby .....	Sixth
Stark .....	Second
Tazewell .....	Second
Union .....	Twelfth
Vermilion .....	Fifth
Wabash .....	Eleventh
Warren .....	Third
Washington .....	Ninth
Wayne .....	Eleventh
White .....	Eleventh
Will .....	First
Williamson .....	Twelfth
Woodford .....	Second

# FIFTY-SIXTH ANNUAL COAL REPORT

---

## INTRODUCTION

Herewith is presented the Fifth-Sixth annual report of the coal industry of Illinois together with reports of all other industries which come under the supervision of the Department of Mines and Minerals.

Interest in first aid training and accident prevention work continues high and the Department is pleased to announce special recognition by way of Joseph A. Holmes Safety Association awards to

Valier Coal Company, Valier, Illinois.

Krause No. 1 Quarry of the Columbia Quarry Co.  
Columbia, Illinois.

Portland Cement Association, Chicago, Illinois.  
for outstanding safety records.

The Department expresses its appreciation of the cooperation given by the United States Bureau of Mines Station, Vincennes, Indiana in the conduct of first aid training and accident prevention campaigns during the year.

The membership of the Joint Scale Committee for a number of years is given herewith and it is the wish of the Department that the roster of missing years be forwarded to it if the readers of this report have same in their possession so the list may be completed and published in full at a later date.

## CENTRAL COMPETITIVE FIELD

---

Illinois Miners and Operators present at the preliminary conference to re-establish the joint movement—December, 1897.

MINERS— John M. Hunter.

OPERATORS—J. C. Simpson,  
A. L. Sweet,  
Joseph Garaghty,  
H. N. Taylor,  
A. J. Moorshead.

Illinois Miners and Operators on Joint Scale Committee:

1898

MINERS:

J. J. Stanley  
James Connery  
John Green  
James Boston  
Joseph Manuel

OPERATORS:

A. L. Sweet  
J. A. Agee  
J. C. Simpson  
G. W. Traer  
J. M. Browning

## 1899

## MINERS: PRINCIPALS:

J. M. Hunter  
William Hefti  
Joseph Manuel  
James Boston

## ALTERNATES:

Samuel Pascoe  
C. R. Scurrah  
Edward Cahill  
William Doney

## OPERATORS: PRINCIPALS:

J. C. Simpson  
R. Smith  
J. H. Garaghty  
A. L. Sweet

## ALTERNATES:

Charles E. Hull  
F. S. Peabody  
J. D. Crabb  
H. N. Taylor

## 1900

## MINERS: PRINCIPALS:

William Hefti  
Edward Cahill  
James Boston  
W. D. Ryan

## ALTERNATES:

Duncan McDonald  
Samuel Pascoe  
William Topham  
J. T. Parsons

## OPERATORS: PRINCIPALS:

J. H. Garaghty  
George T. Cutts  
F. S. Peabody  
H. N. Taylor

## ALTERNATES:

George P. Sandmeyer  
Randolph Smith  
O. L. Garrison  
G. W. Traer

## 1901

## MINERS: PRINCIPALS:

William Hefti  
W. D. Ryan  
William Johnson  
H. C. Perry

## ALTERNATES:

William Downey  
Samuel Pascoe  
P. J. Murray  
Jacob Stanley

## OPERATORS: PRINCIPALS:

H. N. Taylor  
J. H. Garaghty  
George T. Cutts  
F. S. Peabody  
Herman Justi, Commissioner

## ALTERNATES:

E. T. Bent  
F. W. Lukens  
A. J. Moorshead  
C. E. Hull

## 1902

## MINERS: PRINCIPALS:

W. R. Russell  
W. D. Ryan  
T. J. Reynolds  
J. B. Wilson

## ALTERNATES:

John P. Reese  
H. C. Perry  
William Hefti  
W. H. Morris

## OPERATORS: PRINCIPALS:

H. N. Taylor  
W. W. Keefer  
George T. Cutts  
Frank S. Peabody

## ALTERNATES:

E. T. Bent  
F. W. Lukens  
A. J. Moorshead  
C. E. Hull

## 1903

## MINERS: PRINCIPALS:

H. C. Perry  
J. B. Wilson  
T. J. Reynolds  
W. D. Ryan

## ALTERNATES:

W. T. Morris  
Edward Cahill  
Samuel Pascoe  
Matt Charlton

## OPERATORS: PRINCIPALS:

H. N. Taylor  
W. W. Keefer  
George T. Cutts  
F. S. Peabody

## ALTERNATES:

E. T. Bent  
F. E. Lukens  
A. J. Moorshead  
C. E. Hull

## 1904

## MINERS: PRINCIPALS:

Thomas J. Reynolds  
Edward Cahill  
W. D. Ryan  
H. C. Perry

## ALTERNATES:

John H. Walker  
W. T. Morris  
F. M. Guthrie  
Edward O'Donnell

## OPERATORS: PRINCIPALS:

H. N. Taylor  
J. H. Garaghty  
B. F. Bush  
F. S. Peabody

## ALTERNATES:

E. T. Bent  
F. W. Lukens  
A. J. Moorshead  
Randolph Smith

## 1906

## MINERS: PRINCIPALS:

H. C. Perry  
W. D. Ryan  
Thomas J. Reynolds  
John H. Walker

## ALTERNATES:

Thomas Burke  
George Bagwill  
James Burns  
Edward O'Donnell

## OPERATORS: PRINCIPALS:

H. N. Taylor  
A. J. Moorshead  
B. F. Bush  
O. L. Garrison

## ALTERNATES:

E. T. Bent  
F. W. Lukens  
F. S. Peabody  
J. A. Agee

## 1908 April

## MINERS:

J. W. Murray  
J. F. Taulbie

## OPERATORS:

Not present

## 1910

Illinois miners and operators not present.

## 1912

## MINERS :

John H. Walker  
 Duncan McDonald  
 Groce Lawrence  
 James Lord  
 John W. Jarrard  
 William Hutton  
 James Shaw  
 Adolph F. Germer

## OPERATORS :

ILL. COAL OPERATORS' ASSN.

H. N. Taylor  
 A. J. Moorshead  
 W. L. Schmick  
 O. L. Garrison  
 F. W. Lukens  
 Silas Shafer

COAL OPERATORS' ASSN. of Fifth  
 and Ninth Districts

R. W. Ropiequet  
 John Reese

## 1914

## MINERS :

Duncan McDonald  
 Joseph Pope  
 James Lord  
 Frank Hefferly  
 George McArtor  
 C. E. Childers  
 Ben Williams  
 Barney Flaherty

## OPERATORS :

ILL. COAL OPERATORS' ASSN.

W. L. Schmick  
 A. J. Moorshead  
 F. S. Peabody  
 E. T. Bent  
 James Forester  
 S. A. Shafer

COAL OPERATORS' ASSN. of Fifth  
 and Ninth Districts

Thomas T. Brewster  
 John P. Reese

## 1916

## MINERS :

Frank Farrington  
 Frank Hefferly  
 Duncan McDonald  
 J. L. Lewis  
 William Burton  
 Joe Loftus  
 Ben Williams  
 Adolph F. Germer

## OPERATORS :

A. J. Moorshead  
 E. T. Bent  
 James Forester  
 H. C. Perry  
 C. M. Moderwell  
 P. M. Huckle  
 H. H. Devereux  
 W. B. Jess

**1917 April—New York****MINERS: PRINCIPALS:**

Frank Farrington  
 Harry Fishwick  
 Walter Nesbitt  
 Ed. Dobbins  
 Ben Williams  
 Mose Johnson  
 Pio Franckey  
 George L. Mercer

**ALTERNATES:**

Mike Pietrzak  
 Herbert Halls  
 Stephen C. Sullivan  
 Ben Firth  
 William Hutton  
 Hugh Willis  
 Charles Grace  
 McElroy Trout

**OPERATORS: PRINCIPALS:**

E. T. Bent  
 W. B. Jess  
 Rice Miller  
 C. M. Moderwell  
 W. L. Schmick  
 H. C. Perry  
 John P. Reese  
 H. C. Adams

**ALTERNATES:**

James Forester  
 C. I. Pierce  
 W. J. Spencer  
 S. A. Shafer  
 L. H. Smith  
 J. E. Rutledge  
 J. M. Jenkins  
 Daniel Clark

**1917 September—Washington****MINERS: PRINCIPALS:**

Frank Farrington  
 Harry Fishwick  
 Walter Nesbitt  
 Pio Franckey  
 Mose Johnson  
 Ben Williams  
 Ed. Dobbins  
 George L. Mercer

**ALTERNATES:**

Michael Pietrzak  
 Herbert Halls  
 Steve Sullivan  
 Hugh Willis  
 McElroy Trout  
 Charles Grace  
 Ben Firth  
 William Hutton

**OPERATORS: PRINCIPALS:**

E. T. Bent  
 W. J. Spencer  
 W. B. Jess  
 C. M. Moderwell  
 Rice Miller  
 T. T. Brewster  
 W. J. Jenkins  
 H. C. Adams

**ALTERNATES:**

D. W. Buchanan  
 E. C. Searls  
 G. B. Harrington  
 W. L. Schmick  
 James Needham  
 J. P. Reese  
 J. E. Rutledge  
 C. H. Hurst

## ILLINOIS JOINT SCALE COMMITTEE

1901

## First District—

Operators—H. N. Taylor, A. L. Sweet, S. M. Dalzell.

Miners—Adolph Lohmer, H. C. Perry. Alternates—W. E. Cooke,  
Wm. McGahey.

## Second District—

Operators—J. H. Garaghty, W. W. Keefer.

Miners—J. B. Wilson, J. H. Harrison. Alternates—Wm. Ingram,  
James Lucas.

## Third District—

Operators—P. G. Matheny, Edwards Brown, Lee Kincaid.

Miners—John J. Ryan, James Downey. Alternates—W. D.  
Smith, Thos. Burke.

## Fourth District—

Operators—D. D. Shumway, F. W. Lukens, Walter Puterbaugh.

Miners—None.

## Fifth District—

Operators—C. F. Parker, E. C. Donk, A. J. Moorshead.

Miners—William Hefti, Joseph Pope. Alternates—John Green,  
Peter McCall.

## Sixth District—

Operators—C. C. Davis, C. E. Hull, S. B. Eaton.

Miners—W. T. Morris, Thomas Jeremiah. Alternates—Charles  
A. Corgan, D. W. Bissonett.

## Seventh District—

Operators—F. S. Peabody, M. C. Wright.

Miners—L. E. Jacobs, P. L. Dorris. Alternates—A. M. Dowell,  
Geo. Jeter.

## Eighth District—

Operators—Isaac Wantling, Richard Newsam, G. W. Traer.

Miners—John Thome, F. M. Guthrie. Alternates—William  
Phillips, D. J. Nicholls.

## Ninth District—

Operators—Randolph Smith, William Struthers, George T. Cutts.

Miners—T. J. Reynolds, D. P. Jackson. Alternates—Charles  
Stahl, John Shanahan.



## 1902

## First District—

Operators—H. N. Taylor, A. L. Sweet, S. M. Dalzell.

Miners—H. C. Perry, David Dagon. Alternates—Matt Charlton, W. J. Rogers.

## Second District—

Operators—J. H. Garaghty, W. W. Keefer.

Miners—William Topham, Fred Drews. Alternates—Sylvester Palmer, Nelson Christianson.

## Third District—

Operators—P. G. Matheny, Lee Kincaid, Edwards Brown.

Miners—James F. Morris, Eugene Zellers. Alternates—John O'Neill, A. C. Foley.

## Fourth District—

Operators—D. D. Shumway, F. W. Lukens.

Miners—P. F. Delehanty, D. Cameron. Alternates B. Murphy, E. A. Seaton.

## Fifth District—

Operators—C. F. Parker, J. C. Muren, A. J. Moorshead.

Miners—John Green, William Hefti. Alternates—Peter McCall, Joseph Pope.

## Sixth District—

Operators—C. E. Hull, S. B. Eaton, F. D. Secor.

Miners—W. F. Knowlmann, W. T. Morris. Alternates—Thomas Jeremiah, E. A. Brod.

## Seventh District—

Operators—F. S. Peabody, M. C. Wright.

Miners—David Huggins, Groce Lawrence. Alternates—E. Spillers, J. W. Ledford.

## Eighth District—

Operators—Richard Newsam, G. W. Traer, Henry Long.

Miners—T. H. Picton, F. M. Guthrie. Alternates—G. W. Armstrong, Samuel Edwards.

## Ninth District—

Operators—Randolph Smith, E. C. Donk, George T. Cutts, O. L. Garrison, Ex-Officio.

Miners—Henry Jackson, John C. Schuck. Alternates—Morgan J. Rees, Samuel Cartwright.

## 1903

## First District—

Operators—N. H. Taylor, A. L. Sweet, S. M. Dalzell.

Miners—H. C. Perry, Matt Charlton, Thomas Reed. Alternates—Duncan McDonald, George Brown, James Monaghan.

## Second District—

Operators—J. H. Garaghty, M. Kelley.

Miners—J. H. Walker, Daniel Shouse. Alternates—William Topham, Henry George.

## Third District—

Operators—H. C. Adams, Edwards Brown.

Miners—Dennis Neylon, Edward Kelly. Alternates—Thomas Ryan, Joseph Hanes.

## Fourth District—

Operators—J. D. Crabb, F. W. Lukens, Walter Puterbaugh.

Miners—Arthur Allen, John Lyons. Alternates—George Cunningham, James Haynes.

## Fifth District—

Operators—E. C. Donk, J. C. Muren, A. J. Moorshead.

Miners—William Hefti, Joseph Pope. Alternates—Peter McCall, Geo. Ashley.

## Sixth District—

Operators—C. E. Hull, W. H. Greenwood, F. D. Secor.

Miners—Matt Smith, Philip Davis. Alternates—John Campbell, Ben Crane.

## Seventh District—

Operators—F. S. Peabody, M. C. Wright, W. S. Wilson.

Miners—George Bagwill, George McArtor. Alternates—F. Clayton, Robert Bryant.

## Eighth District—

Operators—Richard Newsam, G. W. Traer, Charles Shuler.

Miners—Samuel Pascoe, W. E. Sherwood. Alternates—J. P. Boland, George Sackfield.

## Ninth District—

Operators—Randolph Smith, J. T. Williams, George T. Cutts.

Miners—Henry Jackson, Daniel Shea. Alternates—Fred Schmidt, John Duffy.

## 1904

## First District—

Operators—H. N. Taylor, A. L. Sweet, S. M. Dalzell.

Miners—H. C. Perry, Alex Suttle, Robert Osborne. Alternates—  
Thomas Heenan, William Redshaw, Matt Charlton.

## Second District—

Operators—Michael Kelly, J. H. Garaghty.

Miners—John H. Walker, Daniel Shouse. Alternates—J. L.  
Davidson, Grant Hensley.

## Third District—

Operators—H. C. Adams, D. D. Shumway, Lee Kincaid.

Miners—James Burns, Eugene Zellers, Richard Tippet.  
Alternates—John Stratton, Joe Hergert.

## Fourth District—

Operators—J. D. Crabb, F. W. Lukens, Walter Puterbaugh.

Miners—W. Welch, William Goforth. Alternates—David Malloy,  
A. Wright.

## Fifth District—

Operators—E. C. Donk, J. C. Muren, A. J. Moorshead.

Miners—John Green, Peter McCall, James Darmody, Theodore  
Schmidtthausen. Alternates—Albert Neutzling, William  
Koenigkramer, Charles Stahl, Thomas White.

## Sixth District—

Operators—C. C. David, W. H. Greenwood, F. D. Secor.

Miners—Thomas Watson, W. H. Allinger. Alternates—Richard  
Evans, W. E. Stocker.

## Seventh District—

Operators—F. S. Peabody, M. C. Wright, W. S. Wilson.

Miners—George McArtor, James Kelly. Alternates—Charles  
Sullivan, George Bagwill.

## Eighth District—

Operators—Richard Newsam, G. W. Traer, Charles Shuler.

Miners—A. Garrett, Samuel Palmer. Alternates—Samuel  
Edwards, John Stohl.

## Ninth District—

Operators—Randolph Smith, Joseph Lumaghi, B. F. Bush.

Miners—Same as Fifth District.

## 1906

## First District—

Operators—H. N. Taylor, A. L. Sweet, S. M. Dalzell.

Miners—Robert Osborn, W. H. James. Alternates—James Fletcher, June Crandall.

## Second District—

Operators—L. E. Fischer, R. R. Hammond, W. G. Hartshorn.

Miners—John H. Walker, Evan Evans. Alternates—Robert Nolan, Charles Esslenger.

## Third District—

Operators—T. F. Holmes, D. D. Shumway, Lee Kincaid.

Miners—J. Burns, Jr., Joseph Hergert. Alternates—Richard O'Donnell, Charles Gibbs.

## Fourth District—

Operators—F. W. Lukens, Walter Puterbaugh, S. A. Shafer.

Miners—B. Murphy, George Miller. Alternates—Thomas Bagwell, Thomas Gallagher.

## Fifth District—

Operators—E. C. Donk, A. J. Moorshead, W. K. Kavanaugh.

Miners—Charles Krallman, Nick Schilling. Alternates—J. W. Bayer, Nick Falcetti.

## Sixth District—

Operators—C. C. David, W. H. Greenwood, F. D. Secor.

Miners—John George, Henry Driver. Alternates—Guy Rodman, Geo. Hodson.

## Seventh District—

Operators—F. S. Peabody, O. L. Garrison, Walter Williams, J. D. Peters.

Miners—George Bagwell, Joseph Kelly. Alternates—Thomas Walsinger, Paul Smith.

## Eighth District—

Operators—Richard Newsam, G. W. Traer, Robert Lee.

Miners—W. E. Sherwood, Byron Essex. Alternates—Wm. Tomblin, Henry Mainard.

## Ninth District—

Operators—J. E. Rutledge, Joseph Lumaghi, B. F. Bush.

Miners—Adolph F. Germer, Thomas J. Reynolds. Alternates—Fred Haney, Gordon Knight.

1908

## First District—

Operators—H. N. Taylor, A. L. Sweet, S. M. Dalzell.

Miners—Harry Knott, W. H. James. Alternates—John Keating, Charles Nelson.

## Second District—

Operators—Hugh Shirkie, R. R. Hammond, W. G. Hartshorn.

Miners—Evan Evans, Robert Noel. Alternates—Frank Thomas, Charles Spangler.

## Third District—

Operators—T. F. Holmes, D. D. Shumway, Lee Kincaid.

Miners—James Deane, James Burne. Alternates—Joseph Boak, Joseph Malerick.

## Fourth District—

Operators—F. W. Lukens, W. S. Ridgely, S. A. Shafer.

Miners—Thomas Gallagher, Bernard Murphy. Alternates—George D. Miller, William Leonard.

## Fifth District—

Operators—W. L. Schmick, A. J. Moorshead, W. K. Kavanaugh.

Miners—John Green, James Pascoe. Alternates—R. J. Wilson, Charles Krallman.

## Sixth District—

Operators—R. H. Zoller, James Forester, F. D. Secor.

Miners—Henry Driver, James Mullens. Alternates—H. F. Kennedy.

## Seventh District—

Operators—F. S. Peabody, J. D. Peters, Walter W. Williams, T. J. O'Gara.

Miners—Groce Lawrence, Paul J. Smith. Alternates—Charles Burch, J. S. Mooreman.

## Eighth District—

Operators—Richard Newsam, C. I. Pierce, W. J. Spencer.

Miners—Samuel Pascoe, Gurney Farrow. Alternates—E. E. Doe, Will Flinn.

## Ninth District—

Operators—J. E. Rutledge, Joseph Lumaghi, E. C. Donk.

Miners—Thomas J. Reynolds, A. F. Germer. Alternates—H. D. Friel, Thomas Sweeney.

Also attended—G. W. Traer, E. T. Bent, O. L. Garrison, Randolph Smith.

## 1910

Convention proceedings do not give the names of scale committee members.

## 1912

## OPERATORS—ILLINOIS COAL OPERATORS ASSOCIATION.

H. N. Taylor, President.

W. L. Schmick, Vice-President.

F. C. Honold, Secretary-Treasurer.

## MINERS—

John H. Walker, President.

Paul J. Smith, Vice-President.

Duncan McDonald, Secretary-Treasurer.

## First District—

Operators—E. T. Bent, T. A. Lemmon, L. H. Smith.

Miners—William Hutton, George Padgett, Joseph Yearsley,  
Henry Pothoff.

## Second District—

Operators—G. W. Traer, R. R. Hammond.

Miners—Evan Evans, Joseph Thompson.

## Third District—

Operators—D. D. Shumway, S. W. Eldred, W. D. Obeamp.

Miners—Robert Eadie, Leonard Wilcox.

## Fourth District—

Operators—Rice Miller, W. S. Ridgely, S. A. Shafer, T. F. Holmes.

Miners—P. H. Hart, John H. Devine.

## Fifth District—

Operators—A. J. Moorshead.

Miners—Thomas J. Hitchings, Hiram Slinger.

## Sixth District—

Operators—R. H. Zoller, F. D. Secor, James Forester.

Miners—D. M. Peters, Elijah Huggins.

## Seventh District—

Operators—O. L. Garrison, J. D. Peters, Walter W. Williams,  
T. J. O'Gara.

Miners—George McArtor, John Tuttle.

## Eighth District—

Operators—Richard Newsam, C. I. Pierce, W. J. Spencer, J. W. Gilchrist.

Miners—James Lord, Byron Essex, Sam Palmer.

## Ninth District—

Operators—W. L. Schmick.

Miners—Adolph Germer, T. J. Reynolds.

## Fifth and Ninth District Operators Association.

R. W. Ropiewuet, President—Frank F. Tirre, Secretary.

John P. Reese, H. C. Perry, T. T. Brewster, D. C. Cameron,  
Otto Michaelis, Thomas Jeremiah, E. J. Yock, L. Lumaghi,  
E. M. Hucke.

## 1914

## OPERATORS—ILLINOIS COAL OPERATORS ASSOCIATION.

W. L. Schmick, President.

C. M. Moderwell, Vice-President.

F. C. Honnold, Secretary-Treasurer.

## MINERS—

Joseph Pope, President.

Adolph F. Germer, Vice-President.

Duncan McDonald, Secretary-Treasurer.

## First District—

Operators—E. T. Bent, T. A. Lemmon, L. H. Smith.

Miners—Joseph Yearsley, Michael Pietrzak, R. A. McAllister.

## Second District—

Operators—G. W. Traer, J. K. Dering, J. A. Garcia.

Miners—J. W. Stine, Evan Evans.

## Third District—

Operators—F. S. Peabody, S. W. Eldred, W. D. Obcamp.

Miners—Harry Fishwick, Steve Sullivan.

## Fourth District—

Operators—Rice Miller, Warren Penwell, S. A. Shafer, W. H. Leland.

Miners—James Edwards, Robert Lyons.

## Fifth District—

Operators—A. J. Moorshead.

Miners—T. J. Hitchings, August Aring.

## Sixth District—

Operators—R. H. Zoller, E. E. Fyke, James Forester.

Miners—Robert T. McAlister, John Hutchinson.

## Seventh District—

Operators—J. D. Peters, D. W. Buchanan, W. R. Russell.

Miners—Joseph Jeffrey, William A. Turner.

## Eighth District—

Operators—William Johnson, J. W. Gilchrist, W. J. Spencer, Horace Clark.

Miners—Samuel Pascoe, Joseph Lord.

## Ninth District—

Operators—W. J. Jenkins.

Miners—H. R. Stroud, T. R. Downie.

Engineers—Ed. McGowan.

## Fifth and Ninth District Coal Operators Association.

Thomas T. Brewster, J. E. Rutledge, C. H. Krause, A. J. Hummert, H. C. Perry, W. K. Kavanaugh, John P. Reese, Thomas Jeremiah, Louis F. Lumaghi, Frank Tirre, Otto Michaelis, P. J. Wilson, Frank Blair.

## CENTRAL ILLINOIS COAL OPERATORS ASSOCIATION.

Charles H. Hurst, George A. Wood, Patrick F. Murphy, H. H. Devereux, D. A. Watson, W. M. Ryan, Dan Clark, W. J. Walsh, Stuart Brown, Bert Simonson.

## 1916

## OPERATORS—ILLINOIS COAL OPERATORS ASSOCIATION.

C. M. Moderwell, President.

James Needham, Vice-President.

F. C. Honnold, Secretary-Treasurer.

## COAL OPERATORS ASSOCIATION of 5th and 9th Districts.

T. T. Brewster, President. J. E. Rutledge, A. J. Hummert, H. C. Perry, Fred Pfahler, J. P. Reese, Thomas Jeremiah, P. J. Wilson, C. H. Krause, Otto Michaelis, P. M. Hucke, T. M. Jenkins, W. J. Jenkins, L. F. Lumaghi.

## CENTRAL ILLINOIS COAL OPERATORS ASSOCIATION.

H. C. Adams, President. J. W. Jefferson, Eugene Colgan, George Solomon, L. W. Senseney, H. H. Devereux.



## MINERS—

Frank Farrington, President,  
 Frank Hefferly, Vice-President.  
 Duncan McDonald, Secretary- Treasurer.

Harry Fishwick, Thomas Hunter, Carl W. Wright, Allan S. Haywood, Carl Kastenbein, S. J. Stokowski, Harry Hawthorne, Mathew Vitton, John G. Wilson, James Whennan, John Swisher, Charles Armstrong, Peter Joyce, H. E. Williams, Tilden Bozarth, Thomas J. Reynolds, Harry B. Ewing, August Aring, Richard Thomas, Len Grill, George P. Robinson, Jock Miller, Jesse Jones, Wm. J. Sneed, Jr., George Koonce, W. T. Lacy.

## ENGINEERS—

Frank Goalby.

## OPERATORS :

First District—E. T. Bent, T. A. Lemmon, L. H. Smith, James Needham.

Second District—W. G. Hartshorn, J. A. Swanberg.

Third District—F. S. Peabody, George Sullivan, W. D. Obcamp.

Fourth District—Rice Miller, S. A. Shafer, W. H. Leland, T. F. Holmes.

Fifth District—A. J. Moorshead.

Sixth District—R. H. Zoller, F. D. Secor, James Forester.

Seventh District—W. L. Schmick, T. J. O'Gara, E. C. Searles, D. W. Buchanan.

Eighth District—W. J. Spencer, J. W. Gilchrist, Horace Clark, M. S. Coelman.

1917

1917 New York—April 12—17

## FOR THE UNITED MINE WORKERS OF AMERICA :

Western Pennsylvania—Philip Murray, Thomas R. Metcalf.

Ohio—John Moore, G. W. Savage.

Indiana Bituminous—Ed Stewart, William Mitch.

Indiana Block—Ed Haverkamp, James J. McKinney.

Illinois—Frank Farrington, Harry Fishwick.

John P. White, President U. M. W. A.,

Frank J. Hayes, Vice-President,

William Green, Secretary-Treasurer.

PITTSBURGH COAL OPERATORS ASSOCIATION—T. W. Guthrie, J. A. Donaldson.

Ohio—Michael Gallagher, S. H. Robins.

INDIANA BITUMINOUS COAL OPERATORS ASSOCIATION—P. H. Penna, J. K. Dering.

Indiana Block—John Chesterfield.

Illinois—H. C. Perry, E. T. Bent, J. H. Kolsem, Chairman, William Green, Secretary Joint Conference.

### 1917 Washington—September 25—October 6th

#### OPERATORS :

Illinois—John P. Reese, E. T. Bent.

Indiana Bituminous Coal Operators Association—W. J. Freeman, President, P. H. Penna, Secretary.

Ohio—S. M. Robbins, Michael Gallagher.

Pennsylvania—J. A. Donaldson, J. W. Guthrie.

#### MINERS :

Illinois—Frank Farrington, Harry Fishwick.

Indiana—Ed Stewaer, William Mitch.

Ohio—John Moore, G. W. Savage.

Western Pennsylvania—Philip Murray, Robert R. Gibbons, John P. White, President; Frank J. Hayes, Vice-President; William Green, Secretary.

### 1917 Washington—November 1

Agreement extended during the continuance of the war and not to exceed two years from April 1, 1918.

#### FOR THE UNITED MINE WORKERS OF AMERICA :

Western Pennsylvania—Van Bitner, F. P. Hanaway.

Ohio—John Moore, G. W. Savage.

Indiana Bituminous—John P. White, William Green.

Indiana Block—Lawrence Bramlett, Ed Haverkamp.

Illinois—Frank Farrington, Frank Hefferly, John P. White.

President; Frank J. Hayes, Vice President; William Green, Secretary (for U. M. W. A.).

#### FOR THE OPERATORS :

Western Pennsylvania—J. A. Donaldson, G. W. Schleuderberg.

Ohio—S. H. Robbins, C. E. Mamer.

Indiana Bituminous—P. H. Penna, M. L. Gould.

Indiana Block—W. M. Zeller.

Illinois—C. M. Moderwell, H. C. Perry, J. H. Kolsem, Chairman; William Green, Secretary (Joint Conference).

Award of U. S. Bituminous Coal Commission to the President:  
Agreement between Illinois Coal Operators Association, The Coal Operators Association of the Fifth and Ninth Districts and the Central

Illinois Coal Operators Association and the United Mine Workers of America, District No. 12.

Effective April 1, 1920.

Expiring March 31, 1922.

Award in majority report of Bituminous Commission.

Extended to and expiring March 31, 1924.

**FOR THE OPERATORS:**

J. A. Donaldson, W. N. Henderson, C. E. Maurer, George M. Jones, P. H. Penna, M. L. Gould, H. C. Perry, E. C. Searles.

**FOR THE UNITED MINE WORKERS OF AMERICA:**

Robert R. Gibbons, William Hargest, John Moore, G. W. Savage, Ed Stewart, William Mitch, Frank Farrington, Harry Fishwick, John L. Lewis, Philip Murray.

Thos. T. Brewster, Chairman; William Green, Secretary of Joint Conference.

**1920 August 26, Chicago. Joint Scale Committee**

**OPERATORS:**

E. C. Searles, H. C. Adams, L. F. Lumaghi, H. C. Perry, Rice Miller, James Needham, M. F. Peltier, W. J. Spencer.

**MINERS:**

Frank Farrington, Harry Fishwick, Walter Nesbit, Charles Grace, William J. Sneed, Ben Williams, Joseph Yearsley, R. T. McAllister.

**Jacksonville, Fla., Agreement.**

February 19, 1924.

Expiring March 31, 1927.

**FOR THE OPERATORS:**

Rice Miller, H. C. Perry, P. H. Penna, Hugh Shirkie, S. H. Robins, J. R. Biddle, J. A. Donaldson, William Henderson.

**FOR THE MINE WORKERS:**

Frank Farrington, Harry Fishwick, John Hessler, William Mitch, Lee Hall, William Ray, P. T. Fagan, William Hargest.

**OFFICERS OF THE JOINT CONFERENCE:**

Michael Gallagher, Chairman; William Green, Secretary; Ezra Van Horn, Assistant Secretary.

## INTERNATIONAL OFFICERS OF THE U. M. W. A.:

John L. Lewis, President; Philip Murray, Vice-President;  
William Green, Secretary-Treasurer.

## Chicago Agreement, September 16, 1928.

## FOR THE U. M. W. A., DISTRICT No. 12:

Harry Fishwick, President; William J. Sneed, Vice-President;  
Walter Nesbit, Secretary.

## FOR THE ILLINOIS COAL OPERATORS:

Signed by individual coal companies.

Extended effective August 10, 1932, expiring March 31, 1933.

TABLE A—MINES AND PRODUCTION.

Mines.	1936		1937		Increase (+). Decrease (—).		Per cent of Increase (+). Decrease (—).	
	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.
Shipping.....	176	47, 285, 587	168	48, 062, 076	—8	+776, 489	—4. 5	+1. 6
Local.....	1, 066	4, 190, 312	852	4, 370, 179	—214	+179, 867	—20. 1	+4. 3
Total.....	1, 242	51, 475, 899	1, 020	52, 432, 255	—222	+956, 356	—17. 9	+1. 9

TABLE B—WORKING TIME.

Mines.	Average days worked—			
	1936	1937	Increase (+). Decrease (—).	Per cent of Increase (+). Decrease (—).
Shipping.....	153	152	—1	—, 7
Local.....	115	129	+14	+12. 2
Total.....	120	132	+12	+10. 0

TABLE C—EMPLOYEES.

Mines.	Number employed.		Gain (+). Loss (—).	Per cent of Gain (+). Loss (—).
	1936	1937		
Shipping.....	40, 011	38, 553	—1, 458	—3. 6
Local.....	9, 131	8, 027	—1, 099	—12. 0
Total.....	49, 142	46, 580	—2, 562	—5. 2

## MECHANICAL LOADING

TABLE D—THE RECORD OF MECHANICAL LOADING IN ILLINOIS COAL MINES FOR THE YEARS 1928 TO 1937 INCLUSIVE.

Year.	Entire output.			Part of output.			Total.			Per cent of	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1928.....	17	177	2,299,720	37	875	4,442,434	54	1,052	6,742,154	23.0	13.5
1929.....	22	603	5,862,615	51	1,525	11,947,753	73	2,128	17,810,368	30.9	33.1
1930.....	31	1,307	13,583,912	38	931	9,666,169	69	2,238	23,250,681	40.0	50.8
1931.....	36	1,504	15,138,330	38	910	7,307,474	74	2,414	22,445,804	49.0	61.4
1932.....	41	1,702	10,899,565	27	578	4,513,091	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935.....	33	1,322	15,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9
1936.....	37	1,210	18,540,558	27	363	6,664,612	64	1,573	25,205,170	36.4	53.3
1937.....	42	1,127	21,192,003	27	329	7,182,359	69	1,456	28,374,362	41.1	59.0

TABLE E—BELOW, SETS FORTH THE STATISTICS COMPILED BY THE DEPARTMENT ON MACHINE MINING FOR THE PERIOD 1928 TO 1937 INCLUSIVE.

Year.	Entire output.			Part of output.			Total.			Per cent of	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1928.....	84	1,245	25,134,248	55	813	19,506,953	139	2,058	44,641,201	67.5	82.2
1929.....	92	1,324	31,883,147	47	665	18,476,517	139	1,989	50,359,664	69.5	85.2
1930.....	90	1,100	29,629,055	37	506	13,082,958	127	1,606	32,712,013	68.6	62.9
1931.....	85	1,103	28,190,836	26	282	5,425,234	111	1,385	33,616,070	66.5	78.0
1932.....	81	989	19,599,599	21	155	2,986,486	102	1,144	22,586,085	63.0	71.9
1933.....	79	905	25,237,315	15	109	2,015,606	94	1,014	27,252,921	59.1	77.0
1934.....	87	929	27,321,330	14	113	2,411,683	101	1,042	29,733,013	58.7	76.9
1935.....	88	903	28,985,205	15	107	2,144,948	103	1,010	31,130,153	56.5	75.2
1936.....	93	981	32,700,420	15	81	3,127,236	108	1,062	35,827,656	61.4	78.8
1937.....	90	884	33,816,349	13	43	740,321	103	927	34,031,392	61.3	64.9

## ACCIDENTS

TABLE F—COMPARATIVE STATISTICS OF FATAL AND NON-FATAL ACCIDENTS ARE SHOWN IN TABLE F, BELOW, FOR THE TEN YEAR PERIOD, 1928-1937.

Year.	Accidents.		Tons mined to one—		Employees to one—		Man days to one—	
	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.
1928.....	139	5,785	404,396	9,392	471	11	62,209	1,495
1929.....	109	6,621	560,805	9,232	538	9	71,498	1,177
1930.....	112	5,106	482,456	10,580	500	11	61,012	1,338
1931.....	90	3,800	501,696	11,854	595	14	75,565	1,790
1932.....	114	2,643	299,205	12,884	452	19	56,076	2,418
1933.....	71	3,018	539,720	12,697	683	16	81,228	1,911
1934.....	86	3,133	485,164	13,318	576	16	70,220	1,928
1935.....	82	3,147	548,942	14,304	599	16	67,063	1,747
1936.....	93	3,165	553,504	16,263	528	16	63,448	1,864
1937.....	83	2,887	655,810	18,854	561	16	74,086	2,130

SHIPPING MINES WHICH SUSPENDED OPERATIONS DURING THE PERIOD 1931 TO 1937, INCLUSIVE, SHOWING DATE OF LAST OPERATION.

Name of operator.	Location of mine.		Date last operated—	
	District.	County.	Month.	Year.
Alcoa Ore Co.....	8	St. Clair.....	March.....	1932
Brewerton Coal Co., No. 22.....	10	Franklin.....	November.....	1934
Brewerton Coal Col, No. 92.....	4	Logan.....	February.....	1933
Canton Coal Co.....	3	Fulton.....	October.....	1934
Carterville Peacock Coal Co., No. 2.....	12	Williamson.....	December.....	1932
City Lake Coal Co.....	12	Williamson.....	May.....	1935
Cosgrove Meehan Coal Co., No. 3.....	12	Williamson.....	February.....	1933
Cosgrove Meehan Coal Co., No. 5.....	6	Montgomery.....	March.....	1933
Dorthel Coal Co., No. 2.....	3	Fulton.....	March.....	1936
Franklin Mining Co.....	10	Franklin.....	October.....	1934
Henrietta Coal Co., H. T.....	7	Madison.....	July.....	1931
Jeffries Coal Co., No. 1.....	12	Williamson.....	December.....	1935
Jones Bros. Mining Co., No. 1.....	8	St. Clair.....	February.....	1935
Little Muddy Coal Co.....	9	Jackson.....	July.....	1933
Madison Coal Corp., No. 2.....	7	Madison.....	February.....	1931
Madison Coal Corp., No. 12.....	12	Williamson.....	March.....	1931
Old Ben Coal Corp., No. 18.....	12	Williamson.....	January.....	1936
Panther Creek Mines, Inc., No. 1.....	4	Sangamon.....	December.....	1932
Panther Creek Mines, Inc., No. 3.....	4	Sangamon.....	February.....	1931
Peabody Coal Co., No. 25.....	12	Williamson.....	September.....	1933
Peabody Coal Co., No. 42.....	11	Saline.....	October.....	1933
Peabody Coal Co., No. 51.....	4	Sangamon.....	April.....	1934
Peabody Coal Co., No. 52.....	4	Sangamon.....	March.....	1932
Peacock Coal Co.....	9	Jackson.....	December.....	1935
Perry Coal Co., Taylor.....	8	St. Clair.....	January.....	1932
Sahara Coal Co., No. 3.....	11	Saline.....	January.....	1936
Skaggs Coal Co.....	12	Williamson.....	January.....	1931
Summit Coal Co.....	8	St. Clair.....	December.....	1933
Sunrise Coal Co.....	12	Williamson.....	December.....	1933
Stiers Bros. Construction Co.....	7	Madison.....	May.....	1935
Talbot Coalery Co.....	9	Perry.....	April.....	1935
Truax-Traer Coal Co., No. 1.....	9	Jackson.....	July.....	1935
United Electric Coal Co., No. 1.....	5	Vermilion.....	October.....	1933
United States Fuel Co., Verm.....	5	Vermilion.....	March.....	1932

SHIPPING MINES WHICH SUSPENDED OPERATIONS DURING THE PERIOD  
1931 TO 1937, INCLUSIVE, SUMMARY BY COUNTIES.

Franklin.....	2	Madison.....	3	Saline.....	2
Fulton.....	2	Montgomery.....	1	Sangamon.....	4
Jackson.....	3	Perry.....	1	Vermilion.....	2
Logan.....	1	St. Clair.....	4	Williamson.....	9

COMPARATIVE ANNUAL PRODUCTION FIGURES, 1937 AND FOUR  
PREVIOUS YEARS.

	1937	1936	1935	1934	1933
Illinois.....	52,432,255	51,475,899	45,013,278	a 41,724,078	38,320,125
Indiana.....	9,676,095	16,420,000	a15,440,000	a 14,793,000	a13,500,000
Kentucky.....	a47,053,000	47,713,731	a40,478,000	a 38,525,000	a35,530,000
Pennsylvania.....	110,417,947	108,527,291	a90,795,000	a 89,825,000	a79,770,000
West Virginia.....	118,965,066	118,134,202	a98,589,000	a 98,134,000	a90,770,000

a Estimated by U. S. Bureau of Mines.

# DIRECTORY OF

No.	Name of operator and mine.	Location of mine.		
		Dist- trict.	County.	Post office.
1	Bailey Bros. Coal Co.	9	Perry	DuQuoin
2	Bankston Creek Colliery, No. 6	11	Saline	Carrier Mills
3	Beaucoup Coal Co.	9	Perry	Pinckneyville
4	Beckemeyer Coal Co.	8	Clinton	Beckemeyer
5	Bell & Zoller Coal & Mining Co., No. 1	10	Franklin	Zeigler
6	Bell & Zoller Coal & Mining Co., No. 2	10	Franklin	Zeigler
7	Biby Coal Co.	9	Perry	Pinckneyville
8	Bird & Tanner	9	Perry	Pinckneyville
9	Blakley Coal Co.	3	Fulton	Canton
10	Blue Bird Coal Co., No. 5	11	Saline	Carrier Mills
11	Blue Hill Coal Co.	12	Williamson	Marion
12	Bois Coal Co.	9	Washington	DuBois
13	Brewerton Co., The	4	Sangamon	Springfield
14	Buffalo Rock Coal Co.	1	LaSalle	Ottawa
15	Bullock Mining Co.	7	Madison	Collinsville
16	Carterville Mining & Eng. Co.	12	Williamson	Carbondale
17	Centralia Coal Co., No. 5	9	Washington	Centralia
18	Central Illinois Mining Co., "A"	4	Sangamon	Springfield
19	Central State Collieries, Inc.	3	Fulton	St. David
20	Central West Coal Co., No. 3	2	Peoria	Edwards
21	Chicago, Wilmington & Franklin Coal Co., No. 1	10	Franklin	Orient
22	Chicago, Wilmington & Franklin Coal Co., No. 2	10	Franklin	New Orient
23	Chicopee Coal Co.	7	Madison	Troy
24	Citizens Coal Co.	8	Clinton	Breese
25	Clarkson Coal & Mining Co.	9	Washington	Nashville
26	Conant Coal Co.	9	Perry	Conant
27	Consolidated Coal Co., New Monarch	12	Williamson	Herrin
28	Consolidated Coal Co., No. 7	6	Macoupin	Staunton
29	Consolidated Coal Co., No. 15	6	Macoupin	Mt. Olive
30	Coulterville Coal Co.	9	Perry	Coulterville
31	Crain Coal Co.	9	Randolph	Percy
32	Crerar-Clinch Coal Co., No. 14	9	Perry	DuQuoin
33	Crescent Mining Co., No. 1	2	Peoria	Peoria
34	Crescent Mining Co., No. 6	2	Peoria	Peoria
35	Cutler Coal Co., Inc.	9	Perry	Cutler
36	Delta Coal Mining Co.	12	Williamson	Marion
37	Diamond Coal Co., No. 1	12	Williamson	Herrin
38	Diamond Coal Co., No. 2	12	Williamson	Herrin
39	Dorthel Coal Co., No. 1	2	Peoria	Hanna City
40	Dorthel Coal Co., No. 3	3	Fulton	Farmington
41	Employees Group Jefferson Mine	4	Sangamon	Springfield
42	Forsyth Carterville Coal Co.	12	Williamson	Carterville
43	Franco Mining Corp., No. 1	12	Williamson	Johnston City
44	Frankfort Coal Co., No. 21	10	Franklin	West Frankfort
45	Franklin County Coal Corp., No. 5	10	Franklin	Herrin
46	Franklin County Coal Corp., No. 7	10	Franklin	Royalton
47	Freeburg Coal Co.	8	St. Clair	Freeburg
48	Freeman Coal Mining Co.	12	Williamson	Herrin
49	Galesburg Mining Co., No. 1	3	Knox	Galesburg
50	Gill Coal Corp.	8	St. Clair	Marissa
51	Gillespie Coal Co.	6	Macoupin	Gillespie
52	Golden Rule Coal Co.	8	St. Clair	Lenzburg
53	Golden Rule Coal Co.	3	Fulton	Middle Grove
54	Groom Coal Co.	8	St. Clair	Belleville
55	Gundlach Coal Co.	8	St. Clair	E. St. Louis
56	Hillsboro Coal Co.	6	Montgomery	Hillsboro
57	Hillsboro Mining Co.	6	Montgomery	Hillsboro
58	Home Coal Co., No. 43	9	Perry	Tamaroa
59	Illinois Colliery Co.	3	Fulton	Farmington
60	Indiana & Illinois Coal Corp., No. 10	6	Montgomery	Nokomis
61	Ill-Mo Coal Co.	9	Randolph	Sparta
62	Illinois-Pocahontas Coal Co.	7	Bond	Pocahontas
63	Illinois Zinc Co., No. 3	1	LaSalle	Peru
64	Jeffries Coal Co., No. 3	12	Williamson	Herrin
65	K. & E. Coal Co.	9	Perry	Tamaroa
66	Lake Erie Mining Co.	2	Tazewell	Peoria
67	Lenzburg Coal Co.	8	St. Clair	Lenzburg
68	Lincoln City Coal Co., Inc.	5	Edgar	St. Bernice
69	Lincoln Liquidating Corp.	6	Macoupin	Virden



## SHIPPING MINES.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
Joe Bailey	Joe Bailey	Arthur Bailey	DuQuoin, Ill.	1
Paul Halbersleben	Geo. Eadie	.a	59 E. Van Buren St., Chicago	2
H. Taylor	.a	H. Taylor	Pinckneyville, Ill.	3
.a	Wm. Meier	Edw. McGinnes	Beckemeyer, Ill.	4
E. L. Berger	Lee Haskins	E. J. Hoey	307 N. Michigan Ave., Chicago	5
E. L. Berger	Dale Carter	Wm. Guiney	307 N. Michigan Ave., Chicago	6
Fred A. Biby	Fred A. Biby	Fred A. Biby	Pinckneyville, Ill.	7
.a	Paul C. Bird	Vernie Bird	Pinckneyville, Ill.	8
Wm. Blakley	.a	Wm. Lang	Canton, Ill.	9
J. H. Fletcher	Thos. Schull	Guy Hargett	Carrier Mills, Ill.	10
W. P. Hill	A. H. Sandner	John Paul	Marion, Ill.	11
.a	.a	Theo M. Heck	DuBois, Ill.	12
Geo. E. Smith	.a	.a	Springfield, Ill.	13
F. H. Bird	C. C. Balser	C. J. Neisen	Ottawa, Ill.	14
John Reese	.a	H. D. Thompson	Collinsville, Ill.	15
M. L. DeRoque	.a	.a	Box 11, Carbondale, Ill.	16
John M. Kiers	D. R. Schooler	H. A. Berger	307 N. Michigan Ave., Chicago	17
H. W. Case	.a	.a	P. O. Box 396, Springfield, Ill.	18
Geo. P. DeVault	G. W. Wilson	.a	1706 Arcade Bldg., St. Louis, Mo.	19
H. A. Treadwell	Geo. P. DeVault	.a	Edwards, Ill.	20
H. A. Treadwell	John Rodenbush	James Eadie	332 S. Michigan Ave., Chicago	21
J. W. Cullen	John R. Foster	John O'Rourke	332 S. Michigan Ave., Chicago	22
Ily Knies, Trustee	J. W. Cullen	B. Schrameck	Troy, Ill.	23
.a	F. B. Nieman,	.a	Breese, Ill.	24
J. L. Clarkson	Trustee	.a	Nashville, Ill.	25
Fred W. Beck	Sam Day	J. L. Clarkson	Conant, Ill.	26
G. S. Jenkins	.a	J. S. Russell	Ry. Exc. Bldg., St. Louis, Mo.	27
G. S. Jenkins	.a	H. A. Maconaghie	2069 Ry. Exc. Bldg., St. Louis, Mo.	28
G. S. Jenkins	S. F. Grone	John Shamblyn	2069 Ry. Exc. Bldg., St. Louis, Mo.	29
.a	Chas. Haffter	J. D. Neal	Coulterville, Ill.	30
.a	.a	Jas. O'Brien	Percy, Ill.	31
.a	.a	Theo. Meierhoff	231 S. LaSalle St., Chicago	32
C. W. McReaken	W. M. Elders	E. B. Dangerfield	307 N. Michigan Ave., Chicago	33
N. C. Prudent	N. C. Prudent	H. Wilkinson	307 N. Michigan Ave., Chicago	34
N. C. Prudent	N. C. Prudent	Chas. Carson	Cutler, Ill.	35
.a	.a	William Wilson	1012 Baltimore Ave., Kansas City, Mo.	36
Merl C. Kelce	W. H. Price	.a	215 N. 18th St., Herrin, Ill.	37
John Caloni	John Caloni	John Caloni	215 N. 18th St., Herrin, Ill.	38
John Caloni	John Caloni	John Caloni	8 S. Michigan Ave., Chicago	39
R. K. Ronk	R. K. Ronk	David Jones	8 S. Michigan Ave., Chicago	40
R. K. Ronk	Robt. Taggart	Thos. Morroe	Springfield, Ill.	41
Geo. Smith	Geo. Smith	Geo. Smith	807 Fullerton Bldg., St. Louis, Mo.	42
.a	W. R. Forsyth	.a	343 S. Dearborn St., Chicago	43
O. D. McDaniel	O. D. McDaniel	I. J. Rodden	West Frankfort, Ill.	44
.a	Bill Butcher	Bill Butcher	135 S. LaSalle St., Chicago	45
Byron Brown	.a	James Sneddon	135 S. LaSalle St., Chicago	46
Byron Brown	.a	E. J. O'Neil	Freeburg, Ill.	47
Malen Feldt	Web Cravens	Alex Adams	2051 McCormick Bldg., Chicago	48
F. H. Seymour	J. F. Seymour	W. H. Flynn	118 E. Main St., Galesburg, Ill.	49
J. W. Fairbairn	J. W. Fairbairn	George Grindle	Marissa, Ill.	50
.a	F. K. Gill	F. K. Gill	St. Louis, Mo.	51
D. W. Greene	Nat Farnworth	Nat Farnworth	Lenzburg, Ill.	52
.a	.a	Jos. A. Prediger	Middle Grove, Ill.	53
.a	.a	Robert Williams	1906 W. Main St., Belleville, Ill.	54
Robert Groom	Robert Groom	Oscar Peterson	Edgemont Sta., E. St. Louis, Ill.	55
O. E. Schaeffer	.a	Joe Johnson	1123 School St., Hillsboro, Ill.	56
Rice W. Miller	James Welsh	.a	1123 School St., Hillsboro, Ill.	57
Rice W. Miller	Frank Huml	Frank Huml	Tamara, Ill.	58
Ed Mallaburn	.a	.a	Farmington, Ill.	59
John Balagna	.a	Henry Whited	Chicago, Ill.	60
John J. Fries	John J. Fries	John J. Fries	Sparta, Ill.	61
H. W. Bradbury	.a	A. Simms	320 N. 4th St., St. Louis, Mo.	62
.a	K. E. Woosley	Wm. Feklman	332 S. Michigan Ave., Chicago	63
.a	Wm. Bradbury	Wm. Buswink	501 N. 16th St., Herrin, Ill.	64
.a	W. J. Jeffries	Henry Snyder	Box 127, Tamara, Ill.	65
Wm. T. Edgar	John Kirkman	Wm. T. Edgar	Box 33, Peoria, Ill.	66
W. C. Gill	.a	Edw. Schuster	Lenzburg, Ill.	67
.a	.a	Ed. Bailey	610 Tribune Bldg., Terre Haute, Ind.	68
.a	.a	H. W. Seipman	Adams Bldg., Danville, Ill.	69
Rice Miller	Geo. Carr	Geo. Page		

No.	Name of operator and mine.	Location of mine.		
		Dis- trict.	County.	Post office.
70	Little John Coal Co. ....	3	Knox	Victoria
71	Livingston-Mt. Olive Coal Co. ....	7	Madison	Livingston
72	Lumaghi Coal Co., No. 2	7	Madison	Collinsville
73	McLaren Coal Co., No. 1	12	Williamson	Cartersville
74	McLaren Coal Co., No. 2	12	Williamson	Cartersville
75	Macon County Coal Co. ....	5	Macon	Decatur
76	Madison County Coal & Mining Co. ....	7	Madison	Edwardsville
77	Marion County Coal Co. ....	7	Marion	Centralia
78	Marissa Coal Co. ....	8	St. Clair	Marissa
79	Marvel Coal Co. ....	12	Williamson	Pittsburg
80	Mascoutah Coal Mining Co. ....	8	St. Clair	Mascoutah
81	Midland Electric Coal Corp., No. 1	1	Henry	Atkinson
82	Midland Electric Coal Corp., No. 2	3	Fulton	Farmington
83	Mine B Coal Co. ....	4	Sangamon	Springfield
84	Moffat Coal Co. ....	9	Randolph	Sparta
85	Mt. Olive Coal Co. ....	6	Macoupin	Mt. Olive
86	Mt. Olive & Staunton Coal Co. ....	7	Madison	Staunton
87	F. C. Morgan Coal Co. ....	5	Vermilion	Danville
88	Mulberry Hill Coal Co. ....	8	St. Clair	Freeburg
89	New Galum Coal Co. ....	9	Perry	Cutler
90	New National Coal & Mining Co. ....	8	St. Clair	Belleville
91	New Watson Coal Co. ....	12	Williamson	Herrin
92	Nokomis Coal Co. ....	6	Montgomery	Nokomis
93	Norris City Coal Co. ....	11	White	Norris City
94	Northeastern Illinois Coal Co. ....	1	Grundy	Morris
95	Northern Illinois Coal Corp., No. 10	1	Will	Wilmington
96	Odin Coal Co. ....	7	Marion	Odin
97	Old Ben Coal Corp., No. 8	10	Franklin	West Frankfort
98	Old Ben Coal Corp., No. 11	10	Franklin	Coello
99	Old Ben Coal Corp., No. 14	10	Franklin	Buckner
100	Old Ben Coal Corp., No. 15	10	Franklin	West Frankfort
101	Oregon Coal Co., No. 2	9	Randolph	Tilden
102	Osage Coal Co., No. 1	1	LaSalle	Ottawa
103	Pana Coal Co., No. 1	4	Christian	Pana
104	Panther Creek Mines, Inc., No. 4	4	Sangamon	Springfield
105	Panther Creek Mines, Inc., No. 5	4	Sangamon	Springfield
106	Peabody Coal Co., No. 7	4	Christian	Kincaid
107	Peabody Coal Co., No. 8	4	Christian	Kincaid
108	Peabody Coal Co., No. 9	4	Christian	Taylorville
109	Peabody Coal Co., No. 14	9	Perry	DuQuoin
110	Peabody Coal Co., No. 18	10	Franklin	West Frankfort
111	Peabody Coal Co., No. 24	5	Vermilion	Danville
112	Peabody Coal Co., No. 43	11	Saline	Harrisburg
113	Peabody Coal Co., No. 47	11	Saline	Harco
114	Peabody Coal Co., No. 53	4	Sangamon	Springfield
115	Peabody Coal Co., No. 57	4	Sangamon	Springfield
116	Peabody Coal Co., No. 58	4	Christian	Taylorville
117	Peabody Coal Co., No. 59	4	Sangamon	Springfield
118	Penwell Coal Mining Co. ....	4	Christian	Pana
119	Perfection Coal Co. ....	9	Perry	DuQuoin
120	Perry Coal Co., Carbon	8	St. Clair	O'Fallon
121	Perry Coal Co., St. Ellen	8	St. Clair	O'Fallon
122	Peterson Coal Co. ....	3	Fulton	Canton
123	Pinckneyville Mining Co., No. 5	9	Perry	Pinckneyville
124	Prairie Coal Co. ....	8	St. Clair	Belleville
125	Prairie State Coal Co. ....	1	Putnam	Granville
126	Pschirrer & Sons Coal Co. ....	3	Fulton	Canton
127	Pyramid Coal Corp. ....	9	Perry	Pinckneyville
128	Pyramid Coal Corp., No. 2	5	Vermilion	Danville
129	Reed Mine	3	Fulton	Canton
130	Rex Coal Co., No. 2	11	Saline	Eldorado
131	Roanoke Coal & Tile Co. ....	2	Woodford	Roanoke
132	St. Louis Coal Co. ....	9	Randolph	Coulterville
133	Sahara Coal Co., No. 1	11	Saline	Harrisburg
134	Sahara Coal Co., No. 3	11	Saline	Harrisburg
135	Sahara Coal Co., No. 10	11	Saline	Eldorado

## SHIPPING MINES—Continued.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
W. H. Stewart	L. H. Sherwood	a.	1016 Merchants Bank Bldg., Indianapolis, Ind.	70
a.	E. E. Vallow	E. E. Vallow	Livingston, Ill.	71
a.	B. H. Firth	W. T. Valine	408 Olive St., St. Louis, Mo.	72
W. S. McLaren	H. E. Collier	a.	Marion, Ill.	73
W. S. McLaren	a.	Alex Richardson	Marion, Ill.	74
D. W. Beggs	D. W. Beggs	Paul R. Beggs	700 S. Main St., Decatur, Ill.	75
John Macke	John Macke	John Macke	Edwardsville, Ill.	76
Jno. W. Stedelin	Grover Wilkinson	Grover Wilkinson	Centralia, Ill.	77
a.	Hy Church	a.	Marissa, Ill.	78
a.	a.	John Cathie	Pittsburg, Ill.	79
Edward A. Yoch	Edward A. Yoch	Wm. T. Zager	Mascoutah, Ill.	80
K. R. Bixby	H. R. Hays	a.	1320 Fletcher Trust Bldg., Indianapolis, Ind.	81
K. R. Bixby	W. J. Walsh	a.	1320 Fletcher Trust Bldg., Indianapolis, Ind.	82
Oscar Faletti	Oscar Faletti	Louis Capella	Springfield, Ill.	83
Andrew Moffat	Andrew Moffat	Dick Richardson	Sparta, Ill.	84
John Hittmeier	John Hittmeier	Louis Ernst	Mt. Olive, Ill.	85
a.	S. F. McGurk	Sidney Smith	Edwardsville, Ill.	86
a.	Winnie Peugh	R. W. Morgan	411 Underwriters Bldg., Indianapolis, Ind.	87
a.	Fred F. Germann	Fred F. Germann	Freeburg, Ill.	88
a.	a.	a.	Cutler, Ill.	89
Arthur Wright	a.	Ralph Lane	704 Forest Ave., Belleville, Ill.	90
James McVey	Ed McVey	James Watson	501 S. 18th St., Herrin, Ill.	91
Rice W. Miller	Clint Richardson	Clint Richardson	Nokomis, Ill.	92
A. D. Killingsworth	a.	A. D. Killingsworth	Norris City, Ill.	93
C. Evans	a.	a.	3238 Roosevelt Rd., Chicago	94
R. S. Weimer	J. T. Sykes	a.	310 S. Michigan Ave., Chicago	95
Pearl Halfacre	Pearl Halfacre	Pearl Halfacre	Odin, Ill.	96
R. L. Adams	Howard Lewis	John Land	230 S. Clark St., Chicago.	97
R. L. Adams	Howard Lewis	G. G. Anderson	230 S. Clark St., Chicago.	98
R. L. Adams	Howard Lewis	John Vaughn	230 S. Clark St., Chicago.	99
R. L. Adams	Howard Lewis	Wm. Coltmann	230 S. Clark St., Chicago.	100
Jerval Odle	a.	Chas. Hissong	Marissa, Ill.	101
J. F. Lake	Thos. Davison	J. F. Lake	Box 12, Ottawa, Ill.	102
Glenn A. Shafer	Sam S. Lewis	James Gray	5 N. State St., Pana, Ill.	103
R. C. Solomon	a.	James Barnes	2253 S. 6th St., Springfield, Ill.	104
R. C. Solomon	R. C. Solomon	J. A. Lanham	2253 S. 6th St., Springfield, Ill.	105
C. W. McReaken	John W. Abrell	Geo. W. Mosey	231 S. LaSalle St., Chicago.	106
C. W. McReaken	James Lewis	W. C. Craggs	231 S. LaSalle St., Chicago.	107
C. W. McReaken	J. W. Hardy	Robt. Crawford	231 S. LaSalle St., Chicago.	108
C. W. McReaken	W. M. Elders	E. B. Dangerfield	231 S. LaSalle St., Chicago.	109
C. W. McReaken	Robert McPhail	John Coleman	231 S. LaSalle St., Chicago.	110
M. F. Feltier	John Hope	Robert Walker	231 S. LaSalle St., Chicago.	111
C. W. McReaken	S. L. Anderson	Robert Timpany	231 S. LaSalle St., Chicago.	112
C. W. McReaken	B. F. Burnett	J. E. Vaughn	231 S. LaSalle St., Chicago.	113
S. J. Wills	P. W. MacMurdo	John D. Kelly	231 S. LaSalle St., Chicago.	114
S. J. Wills	Geo. M. Smith	Harry Preval	231 S. LaSalle St., Chicago.	115
C. W. McReaken	Wm. Hardy	Glenn Young	231 S. LaSalle St., Chicago.	116
S. J. Wills	Lewis Waldron	John C. Storey	231 S. LaSalle St., Chicago.	117
Warren Penwell	James Rollo	Richard Rollo	Pana, Ill.	118
W. D. Georg	W. D. Georg	W. D. Georg	DuQuoin, Ill.	119
D. W. Greene	Wm. Hartman	Wm. Hartman	St. Louis, Mo.	120
D. W. Greene	John Payne	John Payne	St. Louis, Mo.	121
a.	a.	Clyde Peterson	Canton, Ill.	122
a.	Dan Jackson	Dan Jackson	Pinkneyville, Ill.	123
James Daniels	William Murdoch	a.	1801 Ry. Exc. Bldg., St. Louis, Mo.	124
John R. Cox	Byron Davis	Peter Faletti	Granville, Ill.	125
A. R. Pschirrer	John Pschirrer	Geo. Pschirrer	R. No. 4, Canton, Ill.	126
C. W. Woosley	Len Hartwell	a.	230 N. Michigan Ave., Chicago	127
A. E. Steiger	Mark Lunn	Mark Lunn	230 N. Michigan Ave., Chicago	128
a.	a.	Harry C. Johnson	R. No. 5, Canton, Ill.	129
a.	George Lindsey	Vern J. Gidecumb	1055 McCormick Bldg., Chicago	130
D. B. Hodel	a.	Paul Cerar	Roanoke, Ill.	131
E. H. Lindsey	E. H. Lindsey	E. H. Lindsey	Conlerville, Ill.	132
Paul Halbersleben	Wm. Evans	Marion Wiley	59 E. VanBuren St., Chicago	133
Paul Halbersleben	Geo. Eadie	J. E. Browder	59 E. VanBuren St., Chicago	134
Paul Halbersleben	Sam Cade	R. A. Bartlett	59 E. VanBuren St., Chicago	135

No.	Name of operator and mine.	Location of mine.		
		Dis- trict.	County.	Post office.
136	Sahara Coal Co., No. 12.....	11	Saline.....	Harrisburg.....
137	St. Louis & O'Fallon Coal Co., No. 2.....	8	St. Clair.....	E. St. Louis.....
138	Service Coal Co.....	8	St. Clair.....	Belleville.....
139	Seymour Coal Mining Co.....	12	Williamson.....	Herrin.....
140	Shuler Coal Mining Co.....	1	Henry.....	Alpha.....
141	J. G. Skelton Coal Co.....	5	Vermilion.....	Danville.....
142	South Mine Co.....	6	Macoupin.....	Carlinville.....
143	South Mine Coal Co.....	6	Macoupin.....	Carlinville.....
144	Southern Coal, Coke & Mining Co., No. 6.....	8	St. Clair.....	Belleville.....
145	Southern Coal, Coke & Mining Co., No. 7.....	8	St. Clair.....	Belleville.....
146	Southern Coal, Coke & Mining Co., No. 9.....	8	Clinton.....	New Baden.....
147	Southern Illinois Coal Co., No. 21.....	10	Franklin.....	West Frankfort.....
148	Southwestern Illinois Coal Corp.....	9	Randolph.....	Percy.....
149	Spring Valley Coal Mining Co.....	1	Bureau.....	Spring Valley.....
150	Superior Coal Co., No. 1.....	6	Macoupin.....	Gillespie.....
151	Superior Coal Co., No. 2.....	6	Macoupin.....	Gillespie.....
152	Superior Coal Co., No. 3.....	6	Macoupin.....	Gillespie.....
153	Superior Coal Co., No. 4.....	6	Macoupin.....	Gillespie.....
154	W. G. Sutton.....	2	Woodford.....	Minonk.....
155	Tilton Mining Co.....	5	Vermilion.....	Danville.....
156	Truax-Traer Coal Co., No. 1.....	3	Fulton.....	St. David.....
157	Truax-Traer Coal Co., No. 2.....	3	Fulton.....	Fiatt.....
158	Truax-Traer Coal Co., No. 2.....	9	Jackson.....	Elkville.....
159	Ubben Coal Co.....	2	Tazewell.....	Pekin.....
160	Union Coal Co.....	1	LaSalle.....	Peru.....
161	Union Colliery Co.....	9	Jackson.....	Dowell.....
162	United Electric Coal Cos., No. 9.....	3	Fulton.....	Cuba.....
163	United Electric Coal Cos., No. 11.....	9	Perry.....	DuQuoin.....
164	United Electric Coal Cos., No. 13.....	8	St. Clair.....	Freeburg.....
165	United Electric Coal Cos., No. 17.....	3	Fulton.....	Canton.....
166	United States Fuel Co., Bun.....	5	Vermilion.....	Georgetown.....
167	Valier Coal Co., No. 1.....	10	Franklin.....	Valier.....
168	Vinegar Hill Coal Co.....	8	St. Clair.....	Lenzburg.....
169	Virden Coal Co.....	6	Macoupin.....	Virden.....
170	Wallace Coal Co.....	12	Williamson.....	Marion.....
171	Wasson Coal Co., "A".....	11	Saline.....	Harrisburg.....
172	Wasson Coal Co., No. 1.....	11	Saline.....	Harrisburg.....
173	White Coal Co.....	8	St. Clair.....	Belleville.....
174	Whip-Poor-Will Coal Co.....	9	Perry.....	Cutler.....
175	Will County Coal Co.....	1	Grundy.....	Joliet.....
176	Wilmington Coal Mines, Inc.....	1	LaSalle.....	Morris.....

## SHIPPING MINES—Concluded.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
Paul Halbersleben	Wm. Evans	Frank Odum	59 E. VanBuren St., Chicago	136
Wm. F. Davis	Joseph Vlasak	Joseph Vlasak	2927 S. Broadway, St. Louis, Mo.	137
D. E. Meyer	.a.	Wm. Rieken	Belleville, Ill.	138
F. H. Seymour	J. E. Seymour	Roland Wilson	Herrin, Ill.	139
Chas. Shuler, Jr.	T. C. Chapman	T. C. Chapman	Alpha, Ill.	140
J. G. Skelton	J. G. Skelton	J. G. Skelton	625 Warrington, Danville, Ill.	141
.a.	.a.	Angelo Poli	Carlinville, Ill.	142
.a.	.a.	John K. Fraser	Carlinville, Ill.	143
S. G. Butler	.a.	John Green	621 Security Bldg., St. Louis, Mo.	144
S. G. Butler	.a.	Adam Rauth	621 Security Bldg., St. Louis, Mo.	145
S. G. Butler	.a.	E. Strotheide	621 Security Bldg., St. Louis, Mo.	146
Chas. Parson	.a.	Joe Hoy	West Frankfort, Ill.	147
.a.	W. E. Mullins	W. E. Mullins	1317 Fletcher Trust Bldg., Indianapolis, Ind.	148
.a.	.a.	A. J. Pricco	Spring Valley, Ill.	149
D. D. Wilcox	James Powell	Alex Duncan	400 W. Madison St., Chicago	150
D. D. Wilcox	James Powell	Laurence Kiss	400 W. Madison St., Chicago	151
D. D. Wilcox	James Powell	Alex Young	400 W. Madison St., Chicago	152
D. D. Wilcox	James Powell	J. H. Johnson	400 W. Madison St., Chicago	153
W. G. Sutton	Harvey A. Sutton	Harvey A. Sutton	Minonk, Ill.	154
W. A. Martin	.a.	H. C. Stuebe	313 S. L St., Danville, Ill.	155
.a.	Byron Somers	A. E. Junell	S S. Michigan Ave., Chicago	156
.a.	Byron Somers	Wm. Cowell	S S. Michigan Ave., Chicago	157
.a.	H. J. Tobin	.a.	S S. Michigan Ave., Chicago	158
T. H. Ubben	T. H. Ubben	J. Scheffler	Pekin, Ill.	159
J. D. Walsh	.a.	Alex Jones	112 E. 5th St., Peru, Ill.	160
Edward Leming	Edward Leming	Robt. R. Cruse	Box 1349, St. Louis, Mo.	161
.a.	.a.	Carl G. Day	307 N. Michigan Ave., Chicago	162
.a.	.a.	F. A. Huff	307 N. Michigan Ave., Chicago	163
.a.	.a.	Geo. D. Huff	307 N. Michigan Ave., Chicago	164
.a.	.a.	Carl G. Day	307 N. Michigan Ave., Chicago	165
A. F. Dodd	Robert Flynn	Mark Ord	208 S. LaSalle St., Chicago	166
.a.	G. W. Harriman	Isaiah Winn	547 W. Jackson Blvd., Chicago	167
W. D. Muser	.a.	John Gray	Lenzburg, Ill.	168
.a.	Joe Dubinick	George Page	Viriden, Ill.	169
Geo. A. Wallace	John K. Wallace	Wm. K. Wallace	1st Natl. Bank Bldg., Marion, Ill.	170
L. A. Wasson	L. A. Wasson	John Stobart	Harrisburg, Ill.	171
L. A. Wasson	L. A. Wasson	John H. Evans	Harrisburg, Ill.	172
Robt. White, Sr.	Robt. White, Sr.	Robt. White, Sr.	Belleville, Ill.	173
.a.	.a.	Geo. Galbraith	Cutler, Ill.	174
A. E. Optner	R. A. Bartlett	.a.	Braidwood, Ill.	175
C. R. McElvain	W. L. Treasure	.a.	Box 311, Morris, Ill.	176

## GENERAL STATEMENT

1937—WITH COMPARATIVE FIGURES OF FOUR PREVIOUS YEARS.

No.		1937	1936	1935	1934	1933
1	Number of counties producing coal	58	58	57	58	53
2	Number of mines operated	1,020	1,242	1,350	1,347	1,266
3	Number of shipping mines	168	176	182	172	159
4	Number of local mines	852	1,066	1,168	1,175	1,107
5	Output in tons, all mines	52,432,255	51,475,899	45,013,278	41,724,078	38,320,125
6	Output in tons, shipping	48,062,076	47,285,587	41,410,414	38,655,527	35,390,677
7	Output in tons, local	4,370,179	4,190,312	3,602,864	3,068,551	2,929,448
8	Tons handled by railroads	42,319,509	41,664,226	36,844,180	34,730,011	31,636,128
9	Tons disposed of otherwise	10,112,746	9,811,673	8,169,098	6,994,067	6,683,997
10	Number employed underground	36,176	38,822	39,572	40,340	40,096
11	Number employed on surface	10,404	10,320	9,528	9,159	8,368
12	Total employees	46,580	49,142	49,100	49,499	48,464
13	Average days worked, shipping mines	152	153	147	147	131
14	Average days worked, local mines	129	115	107	118	118
15	Number of mining machines in use	1,100	1,626	1,139	1,149	1,118
16	Tons undercut by machines	36,234,459	37,074,406	32,288,925	30,519,760	28,051,231
17	Tons mined by hand	4,471,926	5,054,305	5,243,004	4,982,074	4,554,589
18	Tons mined by stripping	11,725,870	9,347,188	7,481,349	6,222,244	5,714,305
19	Number of mechanical loaders in use	1,456	1,573	1,626	1,621	1,752
20	Tons loaded mechanically	28,374,362	25,205,170	20,651,707	18,600,174	17,766,216
21	Kegs of powder used for blasting coal	219,661	279,219	256,296	289,164	230,721
22	Pounds of pellet powder used	6,941,151	6,596,956	5,276,649	4,764,606	3,988,617
23	Pounds of dynamite used	1,229,889	965,900	351,532	99,706	71,963
24	Pounds of permissible explosive used	2,611,811	2,330,854	2,188,214	1,877,380	1,760,985
25	Number of motors used in underground haulage	1,336	1,284	1,137	1,156	1,044
26	Number of animals underground	2,039	2,297	1,437	1,414	1,388
27	Number of fatal accidents	83	93	82	86	71
28	Number of non-fatal accidents	2,887	3,165	3,147	3,133	3,018
29	Tons mined to one man killed	655,810	553,504	548,942	485,164	539,720
30	Tons mined to one man injured	18,854	16,263	14,304	13,318	12,697
31	Number employed to one man killed	561	528	599	576	683
32	Number employed to one man injured	16	16	16	16	16
33	Number of mines using closed lights	22	24	20	21	20
34	Number of mines rock dusted	18	25	26	29	25

TABLE 1—CLASSIFICATION OF MINES BY DISTRICTS.

Districts	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First	125	3,244	2,974,017	12	2,085	2,452,644	113	1,159	521,373
Second	109	2,728	1,873,305	8	1,627	1,311,027	101	1,101	562,278
Third	230	2,790	4,311,724	15	1,462	3,698,429	215	1,328	613,295
Fourth	50	6,282	7,504,146	14	5,563	7,082,294	36	719	421,852
Fifth	108	3,254	2,483,267	8	2,403	2,055,848	100	851	427,419
Sixth	63	4,488	4,471,602	13	4,232	4,443,863	50	256	27,739
Seventh	34	2,539	2,029,922	9	2,034	1,664,691	25	505	365,231
Eighth	65	3,721	2,962,339	23	2,796	2,274,181	42	925	688,158
Ninth	68	4,132	7,319,279	26	3,818	7,094,631	42	314	224,648
Tenth	18	6,810	10,108,647	13	6,795	10,108,267	5	15	380
Eleventh	55	4,283	3,574,883	12	4,053	3,493,987	43	230	80,896
Twelfth	95	2,309	2,819,124	15	1,685	2,382,214	80	624	436,910
Total	1,020	46,580	52,432,255	168	38,553	48,062,076	852	8,027	4,370,179

TABLE 2—NUMBER OF MINES OPERATED, MEN EMPLOYED, AVERAGE DAYS WORKED, TONS PRODUCED, AVERAGE TONS PER DAY AND THE AVERAGE TONS PER MAN PER DAY—ALL MINES—1882-1937.

Year.	Mines operated.	Men employed.	Average days worked.	Tons produced.	Average tons per day.	Average tons per man per day.
1882	704	20,290	190	9,115,661	47,977	2.4
1883	637	23,939	195	10,508,785	53,891	2.3
1884	739	25,575	204	10,101,004	49,514	1.9
1885	778	25,946	200	9,791,874	48,959	1.9
1886	786	25,846	185	9,246,435	49,982	1.9
1887	801	26,804	190	10,278,890	54,069	2.0
1888	833	29,410	194	11,855,188	61,109	2.1
1889	851	30,076	189	11,597,963	61,365	2.0
1890	811	28,574	175	12,638,364	72,219	2.1
1891	898	32,951	192	15,660,698	81,566	2.5
1892	833	33,632	191	17,862,276	93,520	2.8
1893	779	35,390	201	19,949,564	99,252	2.8
1894	822	38,477	173	17,113,576	98,922	2.6
1895	844	38,630	178	17,735,864	99,645	2.6
1896	868	37,032	172	19,786,626	115,038	3.1
1897	853	33,788	169	20,072,758	118,773	3.5
1898	881	35,026	165	18,599,299	112,723	3.2
1899	889	36,901	181	23,434,445	129,472	3.5
1900	920	39,384	183	25,153,929	137,453	3.5
1901	915	44,143	174	26,685,319	153,364	3.5
1902	915	46,003	177	30,021,300	169,612	3.7
1903	930	49,814	192	34,955,400	182,059	3.7
1904	932	54,774	185	37,077,897	200,421	3.7
1905	990	59,230	167	37,183,374	222,655	3.8
1906	1,018	62,283	177	38,317,581	216,433	3.5
1907	933	66,714	180	47,798,621	265,548	4.0
1908	922	70,841	180	49,272,436	273,736	3.9
1909	886	72,733	177	49,163,710	277,761	3.8
1910	881	74,634	172	48,717,853	283,243	3.8
1911	845	77,410	165	50,165,099	304,031	3.9
1912	879	79,411	160	57,514,240	359,464	4.5
1913	840	79,497	170	61,846,204	363,801	4.6
1914	796	80,035	162	60,715,795	374,789	4.7
1915	779	75,607	158	57,601,694	364,517	4.8
1916	803	75,919	163	63,673,530	390,635	5.1
1917	810	80,893	179	78,983,517	441,250	5.4
1918	966	91,372	183	89,979,469	491,691	5.4
1919	937	90,897	160	75,099,784	469,374	5.2
1920	938	88,192	159	73,920,653	464,910	5.3
1921	1,035	95,763	152	80,121,948	527,118	5.5
1922	1,133	98,090	134	63,276,827	472,215	4.8
1923	1,136	103,566	146	75,514,095	517,220	5.0
1924	1,032	99,765	140	72,308,665	516,490	5.2
1925	*913	81,684	204	103,186,166	505,815	6.2
1926	921	77,732	131	69,813,255	532,925	6.9
1927	906	78,572	119	46,949,700	394,535	5.0
1928	857	65,508	132	56,211,082	425,841	6.5
1929	803	58,596	133	61,127,759	459,607	7.8
1930	939	56,011	122	54,035,116	442,910	7.9
1931	977	53,550	127	45,152,623	355,532	6.6
1932	1,093	51,554	124	34,120,786	275,168	5.3
1933	1,266	48,464	119	38,320,125	322,018	6.6
1934	1,347	49,499	122	41,724,078	342,001	6.9
1935	1,350	49,100	112	45,013,278	401,904	8.2
1936	1,242	49,142	120	51,475,899	428,966	8.7
1937	†1,020	46,580	132	52,432,255	397,214	8.5

\*July 1, 1924 to December 31, 1925.

*Shipping Mines—*

†138 deep mines—29,716 employees underground—152 average working days—36,866,002 tons—average 242,539 tons daily—8.16 tons per man per day.

30 strip mines—3,133 employees on surface—152 average working days—11,176,074 tons—average 73,527 tons daily—23.46 tons per man per day.

*Local Mines—*

781 deep mines—6,421 employees underground—129 average working days—3,820,383 tons—average 29,615 tons daily—4.61 tons per man per day

71 strip mines—417 employees on surface—129 average working days—549,796 tons—average 4,262 tons daily—10.22 tons per man per day.



TABLE 3—CLASSIFICATION OF MINES BY OUTPUT.

Mines producing.	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 1,000 tons	4	30	2, 196	421	1, 411	141, 396	425	1, 441	143, 592
1,000 but less than 10,000	11	381	47, 518	329	2, 950	1, 226, 936	340	3, 331	1, 274, 454
10,000 but less than 50,000	39	3, 155	1, 252, 087	85	2, 456	1, 813, 921	124	5, 611	3, 006, 008
50,000 but less than 100,000	25	3, 364	1, 947, 852	15	879	970, 413	40	4, 243	2, 918, 265
100,000 but less than 200,000	18	3, 471	2, 553, 907	2	331	217, 513	20	3, 802	2, 771, 420
200,000 but less than 300,000	14	4, 282	3, 858, 639	-----	-----	-----	14	4, 282	3, 858, 639
300,000 but less than 400,000	11	3, 802	4, 035, 038	-----	-----	-----	11	3, 802	4, 035, 038
400,000 but less than 500,000	14	3, 817	6, 434, 982	-----	-----	-----	14	3, 817	6, 434, 982
500,000 but less than 600,000	6	2, 340	3, 359, 010	-----	-----	-----	6	2, 340	3, 359, 010
600,000 but less than 700,000	9	4, 061	5, 888, 738	-----	-----	-----	9	4, 061	5, 888, 738
700,000 but less than 800,000	3	1, 243	2, 289, 970	-----	-----	-----	3	1, 243	2, 289, 970
800,000 but less than 900,000	1	529	854, 797	-----	-----	-----	1	529	854, 797
900,000 but less than 1,000,000	1	420	966, 460	-----	-----	-----	1	420	966, 460
1,000,000 and over	12	7, 623	14, 570, 882	-----	-----	-----	12	7, 623	14, 570, 882
Total	168	38, 553	48, 062, 076	852	8, 027	4, 370, 179	1, 020	46, 580	52, 432, 255

TABLE 4—AVERAGES AND PERCENTAGES, BASED ON TABLE 3.

Mines producing.	Shipping mines.						Local mines.					
	Mines.		Men.		Tons.		Mines.		Men.		Tons.	
	Num-ber.	Per cent.	Aver-age.	Per cent.	Average.	Per cent.	Num-ber.	Per cent.	Aver-age.	Per cent.	Aver-age.	Per cent.
Less than 1,000 tons	4	2.4	7	.1	549	.1	421	49.4	3	17.6	336	3.2
1,000 but less than 10,000	11	6.5	36	1.0	4, 320	.1	329	38.6	9	36.8	3, 729	28.1
10,000 but less than 50,000	39	23.2	81	8.2	32, 105	2.5	85	10.0	29	30.6	21, 340	41.5
50,000 but less than 100,000	25	14.9	135	8.7	77, 914	4.0	15	1.8	59	10.9	64, 694	22.2
100,000 but less than 200,000	18	10.7	193	9.0	141, 884	5.2	2	.2	166	4.1	108, 757	5.0
200,000 but less than 300,000	14	8.3	306	11.1	275, 617	8.0	-----	-----	-----	-----	-----	-----
300,000 but less than 400,000	11	6.5	346	9.9	366, 822	8.3	-----	-----	-----	-----	-----	-----
400,000 but less than 500,000	14	8.3	273	9.9	450, 642	13.3	-----	-----	-----	-----	-----	-----
500,000 but less than 600,000	6	3.6	390	6.1	593, 168	8.0	-----	-----	-----	-----	-----	-----
600,000 but less than 700,000	9	5.4	451	10.5	654, 304	12.1	-----	-----	-----	-----	-----	-----
700,000 but less than 800,000	3	1.8	414	3.2	763, 323	4.6	-----	-----	-----	-----	-----	-----
800,000 but less than 900,000	1	.6	529	1.4	854, 797	1.6	-----	-----	-----	-----	-----	-----
900,000 but less than 1,000,000	1	.6	420	1.1	966, 460	1.9	-----	-----	-----	-----	-----	-----
1,000,000 and over	12	7.2	635	19.8	1, 214, 240	30.2	-----	-----	-----	-----	-----	-----
Total	168	100.0	a229	100.0	a286, 084	100.0	852	100.0	a9	100.0	5, 152	100.0

a Average.



TABLE 5—CLASSIFICATION OF MINES BY DAYS WORKED.

Mines Working.	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 50 days..	12	1, 173	216, 520	124	580	46, 052	136	1, 753	262, 572
50 but less than 100	25	4, 028	1, 693, 429	190	898	153, 243	215	4, 926	1, 846, 672
100 but less than 150	40	7, 243	7, 118, 987	186	1, 379	607, 600	226	8, 622	7, 726, 587
150 but less than 200	60	15, 763	22, 039, 579	181	2, 583	1, 377, 439	241	18, 346	23, 417, 018
200 days and over..	31	10, 346	16, 993, 561	171	2, 587	2, 185, 845	202	12, 933	19, 179, 406
Total.....	168	38, 553	48, 062, 076	852	8, 027	4, 370, 179	1, 020	46, 580	52, 432, 255

TABLE 6—PERCENTAGES OF MINES WORKED, BASED ON TABLE 5.

Mines working.	Shipping mines.			Local mines.			All mines.		
	Per cent of—			Per cent of—			Per cent of—		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 50 days.....	7.1	3.0	.5	14.6	7.2	1.1	13.3	3.8	.5
50 but less than 100.....	14.9	10.5	3.5	22.3	11.2	3.5	21.1	10.6	3.5
100 but less than 150.....	23.8	18.8	14.8	21.8	17.2	13.9	22.2	18.5	14.7
150 but less than 200.....	35.7	40.8	45.9	21.2	32.2	31.5	23.6	39.4	44.7
200 days and over.....	18.5	26.9	35.3	20.1	32.2	50.0	19.8	27.7	36.6
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 7—CLASSIFICATION OF MINES BY NUMBER OF MEN EMPLOYED.

Mines Employing	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 10 men ..	5	38	20, 282	641	3, 017	1, 082, 643	646	3, 055	1, 102, 925
10 but less than 25 ..	8	112	115, 622	146	1, 985	1, 345, 697	154	2, 097	1, 461, 319
25 but less than 50 ..	17	653	592, 749	48	1, 667	1, 146, 716	65	2, 255	1, 739, 465
50 but less than 100	33	2, 503	3, 407, 134	13	841	551, 555	46	3, 344	3, 958, 689
100 but less than 200	33	4, 236	6, 621, 360	4	517	243, 568	37	4, 753	6, 864, 928
200 but less than 300	17	3, 987	4, 715, 614	-----	-----	-----	17	3, 987	4, 715, 614
300 but less than 400	21	7, 422	7, 940, 838	-----	-----	-----	21	7, 422	7, 940, 838
400 but less than 500	14	6, 269	7, 489, 169	-----	-----	-----	14	6, 269	7, 489, 169
500 but less than 600	13	7, 376	10, 772, 907	-----	-----	-----	13	7, 376	10, 772, 907
600 but less than 700	2	1, 225	1, 268, 135	-----	-----	-----	2	1, 225	1, 268, 135
700 but less than 800	2	1, 503	1, 781, 023	-----	-----	-----	2	1, 503	1, 781, 023
800 and over.....	3	3, 229	3, 337, 243	-----	-----	-----	3	3, 229	3, 337, 243
Total.....	168	38, 553	48, 062, 076	852	8, 027	4, 370, 179	1, 020	46, 580	52, 432, 255





## SHIPPING MINES—

District.	Number of mines.	Total tons mined.	Disposition of output in tons					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
First.....	12	2,452,644	1,441,961	448,045	496	515,271	22,560	24,311
Second.....	8	1,311,027	80,107	1,015,479	-----	207,696	5,838	1,907
Third.....	15	3,698,429	2,264,216	1,221,076	-----	121,758	15,768	75,611
Fourth.....	14	7,082,294	5,440,195	1,048,077	12,492	528,273	38,099	15,158
Fifth.....	8	2,053,848	1,034,280	715,582	2,330	243,537	13,056	47,063
Sixth.....	13	4,443,863	1,088,422	2,908,335	18,741	202,195	131,400	94,770
Seventh.....	9	1,664,691	1,066,295	147,483	-----	351,683	60,511	38,719
Eighth.....	23	2,274,181	869,032	304,989	17,785	987,066	48,538	46,771
Ninth.....	26	7,094,631	3,753,694	2,317,322	45,312	*523,124	70,466	384,713
Tenth.....	13	10,108,267	6,737,182	2,808,578	-----	100,992	124,063	337,452
Eleventh.....	12	3,493,987	2,530,777	703,312	-----	63,475	59,191	137,252
Twelfth.....	15	2,382,214	1,624,776	653,138	-----	20,972	44,217	39,111
Total.....	168	48,062,076	27,930,937	14,291,416	97,156	3,866,042	633,707	1,242,818

\* 367,011 tons supplied to Universal Washer.

## LOCAL

First.....	113	521,373	-----	-----	-----	500,377	17,647	3,349
Second.....	101	562,278	-----	-----	-----	555,139	4,869	2,270
Third.....	215	613,295	-----	-----	-----	584,903	9,721	18,671
Fourth.....	36	421,852	-----	-----	-----	403,870	8,624	9,358
Fifth.....	100	427,419	-----	-----	-----	303,635	113,984	9,800
Sixth.....	50	27,739	-----	-----	-----	26,572	966	201
Seventh.....	25	365,231	-----	-----	-----	342,043	13,339	9,849
Eighth.....	42	688,158	-----	-----	-----	654,040	10,790	23,328
Ninth.....	42	224,648	-----	-----	-----	206,504	10,918	7,226
Tenth.....	5	380	-----	-----	-----	326	44	10
Eleventh.....	43	80,896	-----	-----	-----	73,955	3,092	3,849
Twelfth.....	80	436,910	-----	-----	-----	422,411	4,801	9,698
Total.....	852	4,370,179	-----	-----	-----	4,073,775	198,795	97,609

## ALL

First.....	125	2,974,017	1,441,961	448,045	496	1,015,648	40,207	27,660
Second.....	109	1,873,305	80,107	1,015,479	-----	762,835	10,707	4,177
Third.....	230	4,311,724	2,264,216	1,221,076	-----	706,661	25,489	94,282
Fourth.....	50	7,504,146	5,440,195	1,048,077	12,492	932,143	46,723	24,516
Fifth.....	108	2,483,267	1,034,280	715,582	2,330	547,172	127,040	56,863
Sixth.....	63	4,471,602	1,088,422	2,908,335	18,741	228,767	132,366	94,971
Seventh.....	34	2,029,922	1,066,295	147,483	-----	693,726	73,850	48,568
Eighth.....	65	2,962,339	869,032	304,989	17,785	1,641,106	59,328	70,099
Ninth.....	68	7,319,279	3,753,694	2,317,322	45,312	*729,628	81,384	391,939
Tenth.....	18	10,108,647	6,737,182	2,808,578	-----	101,318	124,107	337,462
Eleventh.....	55	3,574,883	2,530,777	703,312	-----	137,430	62,283	141,081
Twelfth.....	95	2,819,124	1,624,776	653,138	-----	443,383	49,018	48,809
Total.....	1,020	52,432,255	27,930,937	14,291,416	97,156	7,939,817	832,502	1,340,427

\* See note above.

## RECAPITULATION BY DISTRICTS.

Total em- ployes.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
2,085	147	7,762	82,700	278,200	3,000	12	4	234,000	160,266	2,058,378	155
1,627	140	195	370,525	-----	-----	62	25	1,248,432	62,595	-----	149
1,462	163	4,503	116,025	1,550	117,300	31	14	537,305	2,256	3,158,868	78
5,563	165	51,060	3,382,825	9,450	16,000	48	170	5,788,830	1,293,464	-----	245
2,403	133	1,311	384,350	17,800	136,500	68	64	1,864,117	10,024	181,707	46
4,232	180	1,922	472,275	650	394,050	78	167	4,443,863	-----	-----	46
2,034	134	5,394	178,600	1,075	58,400	64	59	1,649,166	15,525	-----	85
2,796	143	28,360	479,125	21,150	25,873	47	72	1,277,399	761,067	235,715	132
3,818	151	10,630	563,525	18,893	372,125	92	93	2,723,840	211,613	4,159,178	119
6,795	170	-----	2,725	100	907,934	207	386	10,108,267	-----	-----	36
4,053	151	-----	134,700	873,806	258,600	178	181	2,706,787	-----	787,200	100
1,685	134	1,300	183,025	100	287,850	40	53	1,759,762	27,424	595,028	26
38,553	152	112,437	6,350,400	1,222,774	2,577,632	927	1,288	34,341,768	2,544,234	11,176,074	1,217

## MINES

1,159	116	9,509	64,975	2,960	5,000	16	8	97,827	218,376	205,170	100
1,101	151	17,343	83,825	55	25	30	10	378,615	183,663	-----	92
1,328	120	18,263	75,452	3,000	-----	22	5	272,247	308,004	33,044	158
719	161	16,076	82,350	-----	-----	12	5	160,613	261,239	-----	68
851	129	10,893	36,764	1,050	29,154	22	6	257,133	168,971	1,315	88
256	115	925	24	50	-----	1	-----	1,011	26,728	-----	4
505	138	3,058	18,000	-----	-----	23	4	346,493	18,738	-----	33
925	142	14,554	103,125	-----	-----	10	8	69,802	400,088	218,268	81
314	161	3,946	22,450	-----	-----	13	1	94,146	62,321	68,181	40
15	47	-----	-----	-----	-----	-----	-----	-----	-----	380	-----
230	103	1,491	14,920	-----	-----	9	-----	41,539	27,132	12,225	34
624	133	11,166	88,866	-----	-----	15	1	173,265	252,432	11,213	124
8,027	129	107,224	590,751	7,115	34,179	173	48	1,892,691	1,927,692	549,796	822

## MINES

3,244	119	17,271	147,675	281,160	8,000	28	12	331,827	378,642	2,263,548	255
2,728	150	17,538	454,350	55	25	92	35	1,627,047	246,258	-----	241
2,790	123	22,766	191,477	4,550	117,300	53	19	809,552	310,260	3,191,912	236
6,282	162	67,136	3,465,175	9,450	16,000	60	175	5,949,443	1,554,703	-----	313
3,254	129	12,204	421,114	18,850	165,654	90	70	2,121,250	178,995	183,022	134
4,488	128	2,847	472,299	700	394,050	79	167	4,444,874	26,728	-----	50
2,539	137	8,452	196,600	1,075	58,400	87	63	1,995,659	34,263	-----	118
3,726	140	42,914	582,250	21,150	25,873	57	80	1,347,201	1,161,155	453,983	213
4,132	157	14,576	585,975	18,893	372,125	105	94	2,817,986	273,934	4,227,359	159
6,810	163	-----	2,725	100	907,934	207	386	10,108,267	-----	380	36
4,283	115	1,491	149,620	873,806	258,600	187	181	2,748,326	27,132	799,425	134
2,309	133	12,466	271,891	100	287,850	55	54	1,933,027	279,856	606,241	150
46,580	132	219,661	6,941,151	1,229,889	2,611,811	1,100	1,336	36,234,459	4,471,926	11,725,870	2,039

TABLE 9—CLASSIFICATION OF SHIPPING

District.	Less than 50 days.				50 but less than 100 days.			
	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
First.....	2	49	92	9,770	3	223	530	177,876
Second.....	1	36	88	8,638	1	97	120	17,599
Third.....	2	62	81	48,415	2	127	149	45,033
Fourth.....	b 1	12	115	1,931	2	137	706	257,077
Fifth.....	2	78	71	41,029				
Sixth.....	b 3	76	339	23,738	b 2	147	265	71,012
Seventh.....					3	242	361	130,413
Eighth.....					6	471	637	224,585
Ninth.....	b 1	4	13	291	b 5	380	867	349,210
Tenth.....	b 1	34	200	27,385				
Eleventh.....	1	19	336	36,128	2	164	747	307,839
Twelfth.....	b 2	42	108	19,195	b 3	220	146	112,785
Total and average.....	12	*26	†1,173	216,520	25	*76	†4,028	1,693,429

\* Average.

† Employees averaged account different managements same mine. b Mines operated under different managements during 1937 and only taken into account in totals once.

TABLE 10—CLASSIFICATION OF LOCAL

District.	Less than 50 days.				50 but less than 100 days.			
	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
First.....	22	530	210	16,876	28	1,957	149	32,185
Second.....	8	250	21	855	13	875	51	6,896
Third.....	36	1,126	97	4,873	57	4,175	185	23,480
Fourth.....					7	518	56	17,234
Fifth.....	14	353	38	1,423	22	1,697	86	13,409
Sixth.....	8	253	26	540	16	1,205	84	6,320
Seventh.....	5	115	39	4,159	4	269	64	12,355
Eighth.....	4	91	66	10,067	5	396	44	14,487
Ninth.....	1	10	3	36	6	435	41	6,359
Tenth.....	3	100	12	198	2	166	3	182
Eleventh.....	7	108	19	1,122	14	882	46	4,540
Twelfth.....	16	423	49	5,903	16	1,030	89	15,796
Total and average.....	124	a 27	580	46,052	190	a 71	898	153,243

a Average.

## MINES BY DAYS WORKED—BY DISTRICTS.

100 but less than 150 days.				150 but less than 200 days.				200 days and over.			
Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
2	249	284	96, 131	1	176	126	50, 670	4	972	1, 053	2, 118, 197
2	282	334	196, 081	4	707	1, 085	1, 088, 709	4	966	408	1, 369, 829
3	368	876	607, 641	7	1, 297	824	2, 235, 152	5	1, 089	2, 418	4, 131, 688
2	286	106	196, 800	b 4	699	1, 530	2, 083, 957	1	201	1, 326	1, 013, 114
2	265	916	878, 895	b 3	499	900	804, 905	4	948	1, 764	2, 117, 881
2	233	370	164, 590	5	903	1, 312	1, 352, 337	1	228	167	180, 860
8	1, 062	713	685, 254	5	499	1, 136	1, 188, 828	4	889	950	899, 135
b 11	1, 408	1, 587	1, 717, 537	6	1, 033	955	2, 008, 028	5	1, 032	988	3, 019, 565
1	149	569	1, 109, 706	11	1, 827	5, 421	7, 865, 622	1	205	797	1, 105, 554
4	536	1, 278	837, 813	b 4	668	1, 217	1, 274, 469	2	429	475	1, 037, 738
4	509	612	628, 539	7	1, 240	916	1, 621, 695				
40	*132	†7, 243	7, 118, 987	60	*173	†15, 728	22, 039, 579	31	*224	10, 346	16, 993, 561

## MINES BY DAYS WORKED—BY DISTRICTS.

100 but less than 150 days.				150 but less than 200 days.				200 days and over.			
Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
19	2, 511	105	24, 412	30	4, 889	502	230, 335	14	3, 338	193	217, 565
21	2, 607	110	30, 097	31	5, 425	525	301, 878	28	6, 289	394	222, 552
51	6, 071	233	52, 259	29	4, 758	206	90, 313	42	9, 627	607	442, 370
5	600	78	26, 716	14	2, 325	397	208, 627	10	2, 325	188	169, 275
25	3, 101	184	78, 850	18	2, 922	217	108, 113	21	4, 857	326	225, 624
8	915	52	6, 239	10	1, 628	37	8, 333	8	1, 748	57	6, 307
3	366	16	4, 537	6	1, 033	77	28, 255	7	1, 682	309	315, 925
15	1, 921	340	247, 933	12	2, 047	374	237, 307	6	1, 360	101	178, 364
12	1, 537	82	44, 886	12	2, 100	79	59, 897	11	2, 665	109	113, 470
15	1, 689	112	55, 720	3	542	20	6, 119	4	872	33	13, 395
12	1, 481	67	35, 951	16	2, 711	149	98, 262	20	4, 980	270	280, 998
186	a 122	1, 379	607, 600	181	a 168	2, 583	1, 377, 439	171	a 232	2, 587	2, 185, 845

TABLE 11—SHIPPING MINES—LOCATION, TONS MINED AND RANK, EMPLOYEES, DAYS WORKED, AVERAGE DAILY PRODUCTION AND RANK, ARRANGED IN ALPHABETICAL ORDER.

Rank.	Name of operator and mine.	Location.		Production in tons.	Number employed.	Days worked.	Av. daily production.	
		District.	Post office of Mine.				Tons.	Rank.
167	Bailey Bros. Coal Co.	9	DuQuoin.	3,686	8	141	26	166
24	Bankston Creek Collieries, Inc.	11	Carrier Mills.	651,906	150	200	3,260	30
146	Beaucoup Coal Co.	13	Pickneyville	21,013	13	200	21,013	152
92	Beckmeyer Coal Co.	8	Beckmeyer	93,504	110	184	508	113
10	Bell & Zoller Coal & Mining Co., No. 1.	8	Zeigler	1,054,860	595	156	6,762	4
9	Bell & Zoller Coal & Mining Co., No. 2.	9	Zeigler	1,105,554	797	205	5,393	8
171	Bibby Coal Co.	10	Pickneyville	2,172	11	90	24	167
176	Bird & Tamer	3	Pickneyville	291	4	90	73	159
96	Blakley Coal Co.	3	Canton	88,556	85	220	403	123
66	Blue Bird Coal Co., No. 5.	11	Carrier Mills	250,124	128	152	1,646	70
134	Blue Hill Coal Co.	12	Marion.	32,557	100	58	562	107
157	Bois Coal Co.	36	DuBois.	12,770	36	146	87	156
172	Brewerton Co., The	4	Springfield	1,931	115	12	161	146
129	Buffalo Rock Coal Co.	1	Ottawa	38,924	24	121	322	133
137	Bullock Mining Co.	7	Collinsville	31,039	63	98	317	134
163	Cartersville Mining & Engineering Co.	12	Carbondale	8,187	25	169	48	163
70	Centralia Coal Co., No. 5.	23	Centralia	233,161	230	130	1,794	61
72	Central Illinois Mining Co., "A"	4	Springfield	205,415	319	132	1,556	73
39	Central State Collieries, Inc.	3	St. David	456,035	98	199	2,292	46
162	Central West Coal Co.	2	Edwards	6,638	88	36	240	138
14	Chicago, Wilmington & Franklin Coal Co., No. 1.	10	Orient	854,797	529	167	5,118	10
103	Chicago, Wilmington & Franklin Coal Co., No. 2.	10	West Frankfort	1,562,343	948	167	9,335	1
93	Chicopee Coal Co.	7	Troy	71,538	117	127	563	106
107	Clarkson Coal Co.	8	Breese	89,215	124	180	496	115
136	Clarkson Coal & Mining Co.	9	Nashville	65,073	98	165	394	126
21	Consolidated Coal Co., New Monarch.	9	Conant	13,175	17	159	83	158
55	Consolidated Coal Co., No. 7.	12	Herrin	665,532	368	191	3,484	26
33	Consolidated Coal Co., No. 15.	6	Staunton	346,656	261	190	1,824	60
104	Coulterville Coal Co.	6	Mt. Olive	496,108	506	133	3,730	21
159	Crain Coal Co.	9	Coulterville	68,759	107	109	631	101
69	Crerar-Clinch Coal Co., No. 14.	9	Percy	10,352	10	200	52	162
42	Crescent Mining Co., No. 1.	9	DuQuoin	234,279	612	67	3,497	25
30	Crescent Mining Co., No. 6.	2	Peoria	447,908	353	197	2,274	47
98	Cutler Coal Co., Inc.	2	Peoria	563,321	506	168	3,353	28
47	Delta Coal Mining Co.	12	Cutler	83,349	112	137	623	102
173	Diamond Coal Co., No. 1.	9	Marion	398,351	90	184	2,165	48
160	Diamond Coal Co., No. 2.	12	Herrin	400	12	7	57	161
94	Dorthel Coal Co., No. 1.	12	Herrin	10,190	9	102	100	154
126	Dorthel Coal Co., No. 3.	3	Hanna City	92,169	157	139	663	100
			Farmington	44,357	141	63	704	96





TABLE 11

Rank.	Name of operator and mine.	Location.		Production in tons.	Number employed.	Days worked.	Av. daily production.	
		District.	Post office of Mine.				Tons.	Rank.
32	Mt. Olive & Staunton Coal Co., No. 2	7	Staunton	531,737	508	189	2,813	35
82	F. C. Morgan Coal Co.	5	Danville	140,678	35	141	998	78
127	Mulberry Hill Coal Co.	8	Freeburg	43,401	76	98	488	116
141	New Galum Coal Co.	9	Curtis	25,040	29	149	168	145
130	New National Coal & Mining Co.	8	Belleville	38,126	60	102	374	129
153	New Watson Coal Co.	12	Herrin	14,972	32	110	136	148
37	Nokomis Coal Co.	6	Nokomis	467,138	208	225	2,076	52
133	Norris City Coal Co.	11	Norris City	33,857	68	155	218	140
149	Northeastern Illinois Coal Co.	1	Morris	4,512	30	35	129	149
3	Northern Illinois Coal Corp., No. 10	1	Williamson	1,318,001	486	269	4,900	13
120	Odin Coal Co.	7	Odin	47,617	155	82	581	105
27	Old Ben Coal Corp., No. 8	10	West Frankfort	592,912	467	150	3,953	16
35	Old Ben Coal Corp., No. 11	10	Coello	489,106	278	171	2,860	33
20	Old Ben Coal Corp., No. 14	10	Buckner	667,898	424	174	3,839	18
22	Old Ben Coal Corp., No. 15	10	West Frankfort	664,009	470	172	3,861	17
135	Oregon Coal Co., No. 2	9	Tilden	31,638	154	52	608	103
88	Osage Coal Co., No. 1	1	Ottawa	108,813	65	204	533	110
105	Pana Coal Co., No. 1	4	Pana	65,822	159	110	598	104
52	Panther Creek Mines, Inc., No. 4	4	Springfield	376,774	446	225	1,675	68
53	Panther Creek Mines, Inc., No. 5	4	Springfield	371,208	450	212	1,751	62
4	Peabody Coal Co., No. 7	4	Kincaid	1,216,027	552	207	5,875	7
6	Peabody Coal Co., No. 8	4	Kincaid	1,198,737	542	197	6,085	5
5	Peabody Coal Co., No. 9	4	Taylorville	1,201,219	550	203	5,917	6
14	Peabody Coal Co., No. 14	9	DuQuoin	444,853	573	124	3,588	24
19	Peabody Coal Co., No. 18	10	West Frankfort	670,070	470	180	3,723	22
23	Peabody Coal Co., No. 24	5	Danville	654,715	571	172	3,806	19
80	Peabody Coal Co., No. 43	11	Harrisburg	148,432	323	79	1,879	57
46	Peabody Coal Co., No. 47	11	Harco	675,469	706	169	3,997	14
18	Peabody Coal Co., No. 53	4	Springfield	415,814	482	155	2,683	37
40	Peabody Coal Co., No. 57	4	Springfield	450,408	457	159	2,833	34
13	Peabody Coal Co., No. 58	4	Taylorville	966,460	420	242	3,994	15
56	Peabody Coal Co., No. 59	4	Springfield	336,404	398	126	2,670	38
91	Pennell Coal Mining Co.	4	Pana	95,333	246	59	1,616	72
101	Perfection Coal Co.	9	DuQuoin	78,257	57	84	932	82
132	Perry Coal Co., Carbon	8	O'Fallon	34,787	95	70	497	114
51	Perry Coal Co., St. Ellen	8	O'Fallon	379,369	351	227	1,671	69
173	Peterson Coal Co.	3	Canton	829	4	34	24	167
119	Pineknueyville Mining Co., No. 5	9	Pineknueyville	47,820	74	151	317	134
84	Prairie Coal Co.	8	Belleville	128,908	205	138	934	81
125	Prairie State Coal Co.	1	Granville	45,879	348	138	728	93
90	Pschirrer & Sons Coal Co., No. 3	3	Canton	101,027	105	199	508	113
2	Pyramid Coal Corp.	9	Pineknueyville	1,561,355	398	195	8,007	2

154	Pyramid Coal Corp., No. 2	5	Danville	13, 942	39	38	367	130
174	Reed Mine	3	Canton	576	8	54	12	198
41	Rex Coal Co., No. 2	11	Eldorado	450, 313	350	192	2, 343	45
150	Roanoke Coal & Tile Co.	12	Roanoke	17, 599	120	97	181	144
65	Sahara Coal Co., No. 1	11	Harrisburg	253, 421	591	107	2, 368	44
131	Sahara Coal Co., No. 3	11	Harrisburg	36, 128	336	19	1, 901	56
60	Sahara Coal Co., No. 10	11	Eldorado	291, 677	403	144	2, 026	54
77	Sahara Coal Co., No. 12	11	Harrisburg	159, 407	424	85	1, 875	59
71	St. Louis Coal Co.	9	Cottleville	216, 257	219	139	1, 556	73
62	St. Louis & O'Fallon Coal Co., No. 2	8	East St. Louis	276, 974	372	230	1, 204	74
128	Service Coal Co.	8	Belleville	39, 430	73	167	236	139
57	Seymour Coal Mining Co.	12	Herrin	316, 102	303	148	2, 136	50
97	Shuler Coal Mining Co.	1	Alpha	85, 691	140	191	449	119
165	J. G. Skelton Coal Co.	5	Danville	4, 901	9	151	32	165
161	South Mine Co.	6	Carlinville	10, 708	39	70	152	147
168	South Mine Coal Co.	6	Carlinville	3, 086	26	36	85	157
111	Southern Coal, Coke & Mining Co., No. 6	8	Belleville	58, 597	101	127	461	117
73	Southern Coal, Coke & Mining Co., No. 7	8	Belleville	186, 603	141	228	818	86
99	Southern Coal, Coke & Mining Co., No. 9	8	New Baden	81, 694	245	83	984	79
86	Southern Illinois Coal Co., No. 21	10	West Frankfort	116, 221	184	161	722	95
17	Southwestern Illinois Coal Corp.	9	Percy	758, 224	105	200	3, 791	20
112	Spring Valley Coal Mining Co.	1	Spring Valley	57, 207	260	128	447	130
54	Superior Coal Co., No. 1	6	Gillespie	354, 359	330	169	2, 097	51
45	Superior Coal Co., No. 2	6	Gillespie	432, 831	385	181	2, 391	43
26	Superior Coal Co., No. 3	6	Gillespie	614, 967	396	246	2, 500	40
16	Superior Coal Co., No. 4	6	Gillespie	761, 786	955	225	3, 386	27
115	Sutton, W. G.	2	Minonk	55, 385	179	165	336	132
114	Tilton Mining Co.	5	Danville	56, 122	71	145	387	127
34	Truax-Traer Coal Co., No. 1	3	St. David	491, 924	94	170	2, 894	32
38	Truax-Traer Coal Co., No. 2	3	Flat	457, 127	90	184	2, 484	41
29	Truax-Traer Coal Co., No. 2	9	Elkville	565, 222	145	152	3, 719	23
145	Ubben Coal Co.	2	Pekin	92, 095	47	177	125	151
79	Union Coal Co.	1	Perru	154, 819	336	213	727	94
11	Union Colliery Co., Kathleen	9	Dowell	1, 033, 856	613	209	4, 947	12
43	United Electric Coal Cos., No. 9	3	Cuba	437, 888	105	182	2, 461	42
7	United Electric Coal Cos., No. 11	9	DuQuoin	1, 196, 110	247	222	5, 388	9
67	United Electric Coal Cos., No. 13	8	Freeburg	235, 715	65	138	1, 708	64
121	United Electric Coal Cos., No. 17	3	Canton	47, 586	77	28	1, 700	66
12	United States Fuel Co., Bun	1	Georgetown	1, 013, 114	1, 326	201	5, 040	11
8	Valter Coal Co., No. 1	10	Valer	1, 109, 706	569	149	7, 448	3
102	Vinegar Hill Coal Co.	8	Lenzburg	77, 654	75	140	555	108
100	Virden Coal Co.	6	Virden	80, 279	125	181	444	121
85	Wallace Coal Co.	12	Marion	124, 244	60	169	735	92
78	Wasson Coal Co., "A"	11	Harrisburg	157, 421	249	136	1, 158	76
49	Wasson Coal Co., No. 1	8	Harrisburg	355, 832	325	229	1, 685	67
113	White Coal Co.	8	Belleville	56, 189	86	204	275	137
124	Whip-Poor-Will Coal Co.	9	Cutler	45, 905	87	111	413	122
164	Will County Coal Co.	1	Joliet	5, 258	62	14	376	128
123	Williamington Coal Mines, Inc.	1	Morris	46, 306	42	67	691	98
Totals				48, 062, 076	38, 553	a	316, 198	

(a) Average.

TABLE 12—OUTPUT OF SHIPPING MINES AND

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and* tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
BUREAU COUNTY—FIRST DISTRICT.											
S-1	Spring Valley Coal Mining Co.....	No. 3.....	Spring Valley.....	18	9,761	16	8,495	14	7,784	.....	.....
GRUNDY COUNTY—FIRST DISTRICT.											
S-1	Northeastern Illinois Coal Co.....	.....	Morris.....	27	3,700	8	812	.....	.....	.....	.....
S-2	Will County Coal Co.....	.....	Joliet.....	14	5,258	.....	.....	.....	.....	.....	.....
Total and average.....				21	8,958	8	812	.....	.....	.....	.....
HENRY COUNTY—FIRST DISTRICT.											
S-1	Midland Electric Coal Corp.....	No. 1.....	Atkinson.....	25	41,799	24	39,445	27	41,422	17	22,017
S-2	Shuler Coal Mining Co.....	.....	Alpha.....	23	10,855	22	10,044	25	10,688	7	2,528
Total and average.....				24	52,654	23	49,489	26	52,110	12	24,545
LASALLE COUNTY—FIRST DISTRICT.											
S-1	Buffalo Rock Coal Co.....	.....	Ottawa.....	20	7,116	19	6,123	23	8,540	6	2,124
S-2	Illinois Zinc Co.....	No. 3.....	Peru.....	20	5,623	20	6,240	23	7,167	8	1,578
S-3	Union Coal Co.....	.....	Peru.....	21	16,835	20	16,558	23	19,768	17	8,931
S-4	Wilmington Coal Mines, Inc.....	No. 4.....	Morris.....	15	9,566	18	14,226	20	14,575	.....	979
S-5	Osage Coal Co.....	No. 1.....	Ottawa.....	25	10,688	24	13,586	27	21,282	11	3,467
Total and average.....				20	49,828	20	56,733	23	71,332	10	17,079
PUTNAM COUNTY—FIRST DISTRICT.											
S-1	Prairie State Coal Co.....	.....	Granville.....	18	13,146	15	12,082	3	2,554	.....	.....
WILL COUNTY—FIRST DISTRICT.											
S-1	Northern Illinois Coal Corp.....	No. 10.....	Wilmington.....	25	103,802	24	113,563	27	117,025	19	70,969
PEORIA COUNTY—SECOND DISTRICT.											
S-1	Crescent Mining Co.....	No. 1.....	Peoria.....	21	46,815	20	45,026	23	54,011	.....	.....
S-2	Crescent Mining Co.....	No. 6.....	Peoria.....	21	71,497	20	70,678	23	81,793	9	27,978
S-3	Dorthel Coal Co.....	No. 1.....	Hanna City.....	19	15,014	20	16,194	23	19,539	.....	.....
S-4	Central West Coal Co.....	No. 3.....	Edwards.....	18	6,264	18	2,374	.....	.....	.....	.....
Total and average.....				20	139,590	20	134,272	23	155,343	9	27,978
TA/WEEL COUNTY—SECOND DISTRICT.											
S-1	Lake Erie Mining Co.....	.....	Peoria.....	18	13,854	16	12,633	16	13,404	7	4,682
S-2	Ubben Coal Co.....	.....	Pekin.....	25	3,974	23	3,505	25	3,114	.....	.....
Total and average.....				22	17,828	20	16,138	21	16,518	7	4,682
WOODFORD COUNTY—SECOND DISTRICT.											
S-1	Roanoke Coal & Tile Co.....	.....	Roanoke.....	18	3,215	17	3,016	.....	.....	.....	.....
S-2	W. G. Sutton.....	.....	Minonk.....	20	7,541	20	7,196	21	7,786	.....	.....
Total and average.....				19	10,756	19	10,212	21	7,786	.....	.....

## DAYS WORKED EACH MONTH IN 1937.

Number of days in operation and tons of coal mined.																		Mine index number.
May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.		
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
						18	2,587	17	6,379	12	5,972	14	6,729	19	9,500	128	57,207	S-1
																35	4,512	S-1
																14	5,258	S-2
																25	9,770	
16	26,042	26	53,920	26	54,578	24	46,848	25	53,030	26	59,481	24	46,247	26	51,735	286	536,564	S-1
6	1,789	10	2,641	7	2,158	9	3,165	19	6,986	19	9,354	20	11,003	24	14,480	191	85,691	S-2
11	27,831	18	56,561	17	56,736	17	50,013	22	60,016	23	68,835	22	57,250	25	66,215	239	622,255	
		1	223			1	200	7	2,617	14	3,944	16	4,272	14	3,765	121	38,924	S-1
6	1,670	4	854	9	2,255	14	3,880	18	5,136	16	4,499	15	4,665	23	7,103	176	50,670	S-2
14	7,300	15	7,127	6	3,173	20	12,444	18	14,377	20	16,163	18	14,759	21	17,384	213	154,819	S-3
	10		75						6	2,932		26	8		3,917	67	46,306	S-4
4	2,458	3	1,525	12	5,407	16	7,360	11	5,773	22	7,349	23	8,714	26	21,204	204	108,813	S-5
8	11,438	6	9,804	9	10,835	13	23,884	14	27,903	16	34,887	18	32,436	18	53,373	156	399,532	
										7	3,231	10	6,988	10	7,878	63	45,879	S-1
19	91,571	15	75,705	18	93,614	24	111,116	25	126,947	26	144,805	22	130,337	25	138,547	269	1,318,001	S-1
		23	47,308	19	43,455	17	38,409	14	30,558	15	36,359	22	52,069	23	53,898	197	447,908	S-1
16	53,620	2	6,911	6	16,638	10	31,887	14	45,558	16	54,290	15	49,641	16	52,830	168	563,321	S-2
				9	4,971	9	6,236	9	6,444	16	7,702	13	4,791	21	11,278	139	92,169	S-3
																36	8,638	S-4
16	53,620	13	54,219	11	65,064	12	76,532	12	82,560	16	98,351	17	106,501	20	118,006	135	1,112,036	
6	4,281	7	4,904	4	2,569	9	5,195	14	8,692	13	8,950	14	10,187	19	14,561	143	103,912	S-1
						9	679	23	2,535	25	2,716	22	2,273	25	3,299	177	22,095	S-2
6	4,281	7	4,904	4	2,569	9	5,874	18	11,227	19	11,666	18	12,460	22	17,860	160	126,007	
								12	1,254	18	3,646	14	2,563	18	3,905	97	17,599	S-1
		2	296	9	2,540	14	4,207	19	6,078	21	6,259	19	6,166	20	7,316	165	55,385	S-2
		2	296	9	2,540	14	4,207	16	7,332	19	9,905	16	8,729	19	11,221	131	72,984	

TABLE 12—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
FULTON COUNTY—THIRD DISTRICT.											
S-1	Blakley Coal Co.		Canton	22	12, 571	20	12, 411	20	12, 724	15	1, 535
S-2	Central State Collieries, Inc.		St. David	21	55, 633	20	42, 269	24	59, 289	6	9, 634
S-3	Dorthel Coal Co.	No. 3	Farmington	20	13, 506	20	14, 261	23	16, 590		
S-4	Golden Rule Coal Co.		Middle Grove	25	2, 346	24	2, 030	27	2, 533		
S-5	Illinois Colliery Co.		Farmington	25	5, 832	23	6, 579	26	7, 955	7	2, 918
S-6	Midland Electric Coal Corp.	No. 2	Farmington	24	41, 508	24	69, 479	27	83, 496	12	36, 311
S-7	Peterson Coal Co.		Canton	20	522					4	147
S-8	Pschirrer & Sons Coal Co.	No. 3	Canton	24	12, 424	20	10, 901	25	14, 496	8	3, 637
S-9	Reed Mine		Canton	21	254	20	258	13	164		
S-10	Truax-Traer Coal Co.	No. 1	St. David	20	58, 045	20	55, 028	22	63, 553	3	8, 176
S-11	Truax-Traer Coal Co.	No. 2	Fiatt	16	40, 993	16	45, 388	19	56, 362	8	23, 182
S-12	United Electric Coal Co.	No. 9	Cuba	21	46, 267	20	53, 444	23	68, 590	7	19, 755
S-13	United Electric Coal Co.	No. 17	Canton								
Total and average				21	289, 901	21	312, 048	23	385, 752	8	105, 295
KNOX COUNTY—THIRD DISTRICT.											
S-1	Galesburg Mining Co.	No. 1	Galesburg	25	31, 850	24	31, 162	27	34, 901	7	9, 743
S-2	Little John Coal Co.	No. 5	Victoria	23	31, 785	24	47, 897	27	59, 949	9	17, 773
Total and average				24	63, 635	24	79, 059	27	94, 850	8	27, 516
CHRISTIAN COUNTY—FOURTH DISTRICT.											
S-1	Pana Coal Co.	No. 1	Pana	22	14, 498	22	14, 117	23	15, 011	8	5, 160
S-2	Peabody Coal Co.	No. 7	Kincaid	22	130, 208	20	115, 018	23	141, 098		
S-3	Peabody Coal Co.	No. 8	Kincaid	17	101, 604	20	121, 014	23	145, 936	16	95, 825
S-4	Peabody Coal Co.	No. 9	Taylorville	22	132, 341	20	118, 706	23	146, 668	16	94, 844
S-5	Peabody Coal Co.	No. 58	Taylorville	22	82, 243	21	78, 109	23	91, 239	18	71, 329
S-6	Penwell Coal Mining Co.		Pana	10	16, 339	12	20, 168	13	20, 393		
Total and average				19	477, 233	19	467, 132	21	560, 345	15	267, 158
SANGAMON COUNTY—FOURTH DISTRICT.											
S-1	Central Illinois Coal Mining Co.	"A"	Springfield	14	21, 340	20	31, 876	23	37, 234	11	17, 476
S-2	Mine B Coal Co.	"B"	Springfield	21	42, 086	20	42, 112	23	49, 506	10	20, 370
S-3	Panther Creek Mines, Inc.	No. 4	Springfield	21	34, 839	20	35, 892	22	43, 381	12	20, 474
S-4	Panther Creek Mines, Inc.	No. 5	Springfield	21	35, 897	20	35, 600	23	42, 915		
S-5	Peabody Coal Co.	No. 53	Springfield	21	48, 166	20	51, 025	23	49, 308		
S-6	Peabody Coal Co.	No. 57	Springfield	19	53, 809	20	57, 806	23	67, 955	13	38, 084
S-7	Peabody Coal Co.	No. 59	Springfield	20	51, 494	20	54, 935	23	65, 539		
S-8	Employees Group Jefferson Mine	No. 81	Springfield			22	1, 427	23	1, 948	17	718
S-9	The Brewerton Co.	No. 81	Springfield								
Total and average				20	287, 631	20	310, 673	23	357, 786	13	97, 122
EDGAR COUNTY—FIFTH DISTRICT.											
S-1	Lincoln City Coal Co., Inc.		St. Bernice								
MACON COUNTY—FIFTH DISTRICT.											
S-1	Macon County Coal Co.		Decatur	25	21, 359	25	21, 503	25	21, 086	6	4, 551
VERMILION COUNTY—FIFTH DISTRICT.											
S-1	United States Fuel Co.	Bun	Georgetown	25	122, 002	24	117, 785	27	136, 349	13	62, 008
S-2	Peabody Coal Co.	No. 24	Danville	21	78, 827	20	74, 708	23	89, 511	5	18, 407
S-3	F. C. Morgan Coal Co.		Danville	18	11, 301	21	17, 641	18	22, 744	6	5, 462
S-4	Tilton Mining Co.	No. 1	Danville	20	7, 825	19	7, 613	22	9, 984	5	1, 688
S-5	Pyramid Coal Corp.	No. 2	Danville	16	6, 197	12	4, 808	10	2, 937		
S-6	J. G. Skelton Coal Co.		Danville	19	753	19	765	22	857	3	117
Total and average				20	226, 905	19	223, 320	20	262, 382	6	87, 682

Continued.

## Number of days in operation and tons of coal mined.

May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.		Mine index number
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
12	841	14	921	6	1,119	20	4,040	23	10,666	23	10,817	22	9,115	23	11,796	220	88,556	S-1
8	12,112	18	32,304	12	23,022	17	40,508	20	44,497	16	42,636	17	42,001	20	52,130	199	456,035	S-2
		23	2,128	21	1,958	24	2,485	25	2,548	25	2,059	23	2,146	25	3,261	63	44,357	S-4
6	1,445	9	1,975	4	818	12	3,132	8	2,290	16	4,645	14	4,060	14	4,770	242	23,794	S-5
20	48,292	26	62,691	22	67,242	26	77,994	25	78,631	24	69,882	22	66,506	26	67,918	164	46,419	S-6
		5	100				60									278	769,950	S-7
3	338	5	1,564	3	989	15	5,190	23	10,322	25	12,179	24	14,491	24	14,496	34	829	S-8
																199	101,027	S-10
5	16,203	6	21,124	9	24,325	10	23,416	18	43,722	21	65,572	17	54,646	19	58,114	54	676	S-11
6	19,834	9	30,363	12	36,855	13	37,029	21	36,029	21	42,290	20	45,772	23	43,030	170	491,924	S-12
6	14,750	10	22,171	10	22,280	11	26,022	17	37,767	20	47,053	18	45,138	19	44,651	182	447,888	S-14
												8	8,879	20	38,707	28	47,586	S-15
8	113,815	13	175,341	11	178,608	15	219,876	20	266,472	20	297,133	19	293,054	21	338,873	155	2,976,168	
8	11,014	13	17,268	15	18,273	19	22,580	21	23,801	21	18,586	19	15,554			199	234,732	S-1
12	27,277	14	28,521	15	35,181	17	39,194	19	47,629	20	45,342	21	48,017	25	58,964	226	487,529	S-2
10	38,291	14	45,789	15	53,454	18	61,774	20	71,430	21	63,928	20	63,571	25	58,964	213	722,261	
												12	4,784	23	12,252	110	65,822	S-1
17	99,206	18	106,287	20	117,001	22	126,578	17	100,356	18	106,848	14	83,917	16	89,510	207	1,216,027	S-2
		17	100,510	22	134,353	21	125,812	16	97,816	16	98,361	12	72,949	17	104,557	197	1,198,737	S-3
18	107,082	11	64,793			22	126,032	19	110,859	19	106,072	15	87,815	18	106,007	203	1,201,219	S-4
20	78,355	22	92,719	20	81,375	17	69,309	21	85,145	19	76,450	21	86,357	18	73,830	242	966,460	S-5
										8	5,907	8	15,506	8	17,020	59	95,333	S-6
18	284,643	17	364,309	20	332,729	21	447,731	18	394,176	16	393,638	14	351,328	17	403,176	170	4,743,598	
								7	9,252	16	24,030	19	31,017	21	33,190	132	205,415	S-1
4	7,670															78	161,744	S-2
13	24,417	20	31,008	17	21,980	18	27,530	20	32,407	20	32,938	21	36,765	21	35,143	225	376,774	S-3
18	30,590	17	29,949	15	26,850	18	32,158	18	29,873	18	31,477	20	34,176	24	41,723	212	371,208	S-4
12	44,353					7	17,012	17	31,912	18	64,716	19	54,458	18	54,864	155	415,814	S-5
		15	39,921	11	29,550	21	56,880	18	50,451	16	44,900	11	31,221	18	49,302	159	450,408	S-6
19	1,364	22	3,113	21	2,378	22	2,390	21	2,680	21	2,970		25,617	19	49,163	126	336,404	S-7
														12	1,931	188	18,998	S-9
																12	1,931	S-9
13	108,394	18	103,991	16	80,758	13	135,970	17	156,585	17	221,216	17	213,254	19	265,316	161	2,338,696	
								6	3,537	11	7,825	12	8,326	11	7,399	40	27,087	S-1
				2	1,596	9	7,287	19	15,410	20	16,633	18	14,422	27	21,442	176	145,289	S-1
12	60,645	13	64,695	16	79,658	15	77,853	15	77,419	14	73,289	13	68,250	14	73,161	201	1,013,114	S-1
7	26,946	7	26,983	8	31,013	15	53,535	19	71,604	16	61,055	15	59,785	16	62,341	172	654,715	S-2
2	6,012	8	4,834	4	4,385	7	8,922	11	12,828	11	13,946	11	12,715	18	19,888	141	140,678	S-3
4	1,294	10	2,759	8	2,323	7	2,528	12	4,358	12	4,963	13	5,286	13	5,501	145	56,122	S-4
																38	13,942	S-5
				1	39	12	295	18	399	20	528	17	509	20	639	151	4,901	S-6
8	94,897	10	99,271	7	117,418	11	143,133	15	166,608	15	153,781	14	146,545	16	161,530	141	1,883,472	



TABLE 12—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
MACOUPIN COUNTY—SIXTH DISTRICT.											
S-1	Consolidated Coal Co.....	No. 7.....	Staunton.....	24	37,999	24	38,905	27	51,189	23	38,779
S-2	Consolidated Coal Co.....	No. 15.....	Mt. Olive.....	25	91,073	24	87,534	27	98,662	--	-----
S-3	Gillespie Coal Co.....	-----	Gillespie.....	25	29,151	24	27,880	27	32,322	--	-----
S-4	Mt. Olive Coal Co.....	Hoosier.....	Mt. Olive.....	22	16,136	22	16,853	19	14,222	9	6,840
S-5	South Mine Coal Co.....	-----	Carlinville.....	14	1,180	10	960	9	760	3	186
S-5	South Mine Co.....	-----	Carlinville.....	-----	-----	-----	-----	-----	-----	-----	-----
S-6	Superior Coal Co.....	No. 1.....	Gillespie.....	19	44,745	23	54,843	27	63,133	11	27,548
S-7	Superior Coal Co.....	No. 2.....	Gillespie.....	25	78,488	24	74,574	27	83,632	18	56,877
S-8	Superior Coal Co.....	No. 3.....	Gillespie.....	25	53,188	24	55,030	27	61,683	19	46,980
S-9	Superior Coal Co.....	No. 4.....	Gillespie.....	25	81,175	24	76,777	27	88,226	4	12,579
S-10	Virden Coal Co.....	-----	Virden.....	23	10,866	24	11,433	26	14,260	2	786
S-10	Lincoln Liquidating Corp.....	-----	Virden.....	-----	-----	-----	-----	-----	-----	-----	-----
Total and average.....				23	444,001	22	444,789	24	508,089	11	190,575
MONTGOMERY COUNTY—SIXTH DISTRICT.											
S-1	Hillsboro Coal Co.....	-----	Hillsboro.....	25	18,724	24	18,876	27	21,856	1	848
S-1	Hillsboro Mining Co.....	-----	Hillsboro.....	-----	-----	-----	-----	-----	-----	-----	-----
S-2	Indiana & Illinois Coal Corp.....	No. 10.....	Nokomis.....	21	58,538	20	57,402	23	67,425	5	13,610
S-3	Nokomis Coal Co.....	Reliance.....	Nokomis.....	21	36,907	20	37,946	23	45,660	22	45,043
Total and average.....				22	114,169	21	114,224	24	134,941	9	59,501
BOND COUNTY—SEVENTH DISTRICT.											
S-1	Illinois Pocahontas Coal Co.....	A.....	Pocahontas.....	16	15,544	12	11,611	--	-----	--	-----
MADISON COUNTY—SEVENTH DISTRICT.											
S-1	Bullock Mining Co.....	-----	Collinsville.....	21	6,658	21	6,797	21	7,048	--	-----
S-2	Chicopee Coal Co.....	-----	Troy.....	20	10,586	17	9,028	11	5,611	1	369
S-3	Livingston-Mt. Olive Coal Co.....	No. 1.....	Livingston.....	21	19,744	21	19,786	25	22,466	--	-----
S-4	Lumaghi Coal Co.....	No. 2.....	Collinsville.....	18	45,794	20	50,426	22	55,443	7	17,970
S-5	Madison County C. & M. Co.....	Thermal.....	Edwardsville.....	19	18,500	22	21,000	23	23,000	15	13,000
S-6	Mt. Olive & Staunton Coal Co.....	No. 2.....	Staunton.....	25	69,809	24	67,001	26	73,439	16	44,361
Total and average.....				21	171,091	21	174,038	21	187,007	10	75,700
MARION COUNTY—SEVENTH DISTRICT.											
S-1	Marion County Coal Co.....	Glen Ridge.....	Centralia.....	20	33,443	19	32,910	23	40,698	4	6,676
S-2	Odin Coal Co.....	-----	Odin.....	21	12,533	20	11,921	23	15,217	--	-----
Total and average.....				21	45,976	19	44,831	23	55,915	4	6,676
CLINTON COUNTY—EIGHTH DISTRICT.											
S-1	Beckemeyer Coal Co.....	-----	Beckemeyer.....	24	12,942	23	12,674	23	12,553	3	498
S-2	Citizens Coal Co.....	-----	Breese.....	24	11,588	20	10,291	23	12,969	6	2,602
S-3	Southern Coal, Coke & Mining Co.....	No. 9.....	New Baden.....	18	15,704	16	17,746	22	21,775	3	4,230
Total and average.....				22	40,234	20	40,711	23	47,297	4	7,330



Continued.

## Number of days in operation and tons of coal mined.

May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
24	42,529	26	48,531	14	29,860	3	6,482	9	18,905	15	59,105	16	61,411	14	54,386	133	496,108	S-1
18	15,933	20	19,694	21	19,409	21	19,681	25	27,161	22	26,105	23	27,342	26	29,292	252	273,970	S-2
7	5,313	7	4,916	7	5,363	11	8,406	20	15,522	17	13,109	19	14,873	22	16,629	182	138,182	S-3
								13	1,490	18	2,868	19	2,927	20	3,423	36	3,086	S-4
8	19,548							9	12,813	24	40,415	22	43,441	26	47,903	169	354,389	S-5
10	31,317							3	1,430	24	19,186	24	36,261	26	51,066	181	432,831	S-6
9	22,974	19	48,482	24	61,659			25	63,909	24	61,788	24	67,052	26	72,242	246	614,987	S-7
9	29,505	18	60,110	25	85,830			22	77,851	24	84,522	24	83,646	23	81,565	225	761,786	S-8
8	3,520	9	4,671	10	5,041	7	2,900	20	8,808	20	9,220	12	5,463	8	3,311	181	80,279	S-9
														5	2,283	5	2,283	S-10
12	170,639	16	186,404	17	207,162	10	37,469	16	271,826	21	316,318	19	348,888	20	389,105	187	3,515,265	
																77	60,304	S-1
6	16,866	5	14,030	4	11,165	5	14,163	12	32,916	8	24,634	8	25,939	15	46,099	132	382,787	S-1
14	29,337	12	25,088	13	28,567	16	34,906	21	44,912	20	43,040	20	43,994	23	51,738	225	467,138	S-2
10	46,203	9	39,118	8	39,732	11	49,069	11	77,828	14	67,674	14	76,424	20	109,715	156	928,598	
										4	2,295	14	10,022	16	12,285	62	51,757	S-1
		2	521	5	2,706	10	5,309	19	10,718	4	1,054	14	4,254	17	5,228	98	31,039	S-1
								13	9,675	14	11,794	9	5,949	14	8,967	127	71,558	S-2
4	10,315	4	10,353	5	12,969	6	15,777	13	34,264	18	46,619	14	36,068	21	51,167	152	387,166	S-3
10	7,000	9	7,000	18	11,000	21	12,360	24	16,000	24	17,000	19	15,000	24	20,000	228	180,860	S-4
7	19,634	10	27,724	8	21,559	3	8,116	17	18,711	19	51,264	17	50,025	17	50,094	189	531,737	S-5
7	36,950	6	45,598	9	48,234	10	41,562	17	119,368	16	138,947	13	116,430	17	140,467	150	1,295,392	
5	8,630	8	13,493	8	12,859	10	16,546	12	20,672	16	27,193	15	25,783	18	31,022	158	269,925	S-1
												2	515	16	7,431	82	47,617	S-2
5	8,630	8	13,493	8	12,859	10	16,546	12	20,672	16	27,193	9	26,298	17	38,453	120	317,542	
3	718	3	2,037	5	3,212	13	4,809	19	10,167	26	12,763	21	10,245	21	10,886	184	93,504	S-1
4	2,021	6	3,028	6	2,454	11	5,268	18	8,800	26	12,375	16	7,760	20	10,059	180	89,215	S-2
										9	7,539	5	5,062	10	9,638	83	81,694	S-3
4	2,739	5	5,065	6	5,666	12	10,077	18	18,967	20	32,677	14	23,067	17	30,583	149	264,413	

TABLE 12—

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
ST. CLAIR COUNTY—EIGHTH DISTRICT.											
S-1	Freeburg Coal Co.		Freeburg	23	5,586	20	4,405	20	4,543	16	2,049
S-2	Gill Coal Corp.		Marissa	19	6,144	19	7,331	22	10,278		
S-3	Golden Rule Coal Co.		Lenzburg	20	7,368	18	7,213	23	9,124	10	4,015
S-4	Groom Coal Co.		Belleville	21	10,828	18	7,760	16	7,009	4	2,059
S-5	Gundlach Coal Co.		East St. Louis	21	17,069	20	18,153	23	22,463	12	11,743
S-6	Lenzburg Coal Co.		Lenzburg	5	1,440	20	7,169	20	8,029	3	1,208
S-7	Mulberry Hill Coal Co.		Freeburg	19	9,291	15	7,548	14	7,653	2	977
S-8	Marissa Coal Co.		Marissa			5	657	19	3,277		
S-9	Perry Coal Co.	Carbon	O'Fallon	24	12,170	21	10,151	25	12,466		
S-10	Perry Coal Co.	St. Ellen	O'Fallon	24	43,179	23	41,910	27	47,540		403
S-11	Prairie Coal Co.		Belleville	20	17,602	17	17,126	19	19,518	5	4,472
S-13	St. Louis & O'Fallon Coal Co.	No. 2	East St. Louis	23	29,428	23	29,200	27	34,228	14	17,857
S-14	Service Coal Co.		Belleville	23	8,278	23	6,418	22	5,892	5	1,048
S-16	Southern Coal, Coke & Mining Co.	No. 6	Belleville	24	10,772	24	10,178	9	3,157		
S-17	Southern Coal, Coke & Mining Co.	No. 7	Belleville	21	20,091	22	20,788	26	25,616	18	14,507
S-18	United Electric Coal Cos.	No. 13	Freeburg	19	28,745	14	21,301	17	30,235	8	13,543
S-19	Vinegar Hill Coal Co.		Lenzburg	18	9,975	19	10,743	23	13,431	4	1,072
S-20	White Coal Co.		Belleville	22	9,940	23	8,307	23	6,126	13	3,715
S-21	Mascoutah Coal Mining Co.		Mascoutah	19	3,776	21	5,548	26	9,950		
S-25	New National Coal & Mining Co.		Belleville	16	6,090	15	5,491	17	6,724	2	478
Total and average				20	257,772	19	247,397	21	287,259	8	79,146
JACKSON COUNTY—NINTH DISTRICT.											
S-1	Truax-Traer Coal Co.	No. 2	Elkville	17	61,334	17	63,969	22	87,153	6	22,364
S-2	Union Colliery Co.	Kathleen	Dowell	18	90,468	19	97,937	21	114,180	6	28,720
Total and average				18	151,802	18	161,906	22	201,333	6	51,084
PERRY COUNTY—NINTH DISTRICT.											
S-1	Bailey Bros. Coal Co.		DuQuoin	12	556	18	820	14	576	10	147
S-2	Beaucoup Coal Co.		Pinckneyville	19	1,946	18	1,756	19	1,923	7	726
S-3	Biby Coal Co.		Pinckneyville	18	560	15	392	25	625		
S-4	Bird & Tanner		Pinckneyville								
S-5	Pinckneyville Mining Co.	No. 5	Pinckneyville	21	3,395	18	2,908	12	4,461	7	2,487
S-6	Conant Coal Co.		Conant	19	1,650	20	2,057	20	2,560	5	575
S-6	Crerar-Clinch Coal Co.	No. 14	DuQuoin	19	63,354	20	69,929	22	79,009	6	21,987
S-6	Peabody Coal Co.	No. 14	DuQuoin								
S-8	Cutler Coal Co., Inc.		Cutler	20	12,915	19	12,039	23	15,634	2	1,337
S-9	Home Coal Co.	No. 43	Tamaroa	15	1,575	18	1,854	12	1,269	6	640
S-10	K. & E. Coal Co.	No. 1	Tamaroa								
S-11	New Galum Coal Co.		Cutler	19	4,222	18	4,250	20	4,814	9	2,000
S-12	Perfection Coal Co.		DuQuoin	12	12,015	14	12,262	12	12,034	3	2,734
S-13	Pyramid Coal Corp.		Pinckneyville	20	134,940	19	150,330	23	206,557	8	58,308
S-14	United Electric Coal Cos.	No. 11	DuQuoin	24	115,281	20	120,705	23	142,233	9	45,370
S-15	Whip-Poor-Will Coal Co.		Cutler	14	6,468	18	8,304	10	4,789	3	1,460
S-16	Coulterville Coal Co.	Perco	Coulterville	19	10,640	17	11,426	23	15,161		
Total and average				18	359,517	18	399,032	18	491,645	6	137,771
RANDOLPH COUNTY—NINTH DISTRICT.											
S-2	Crain Coal Co.		Percy	23	1,333	23	1,394	23	1,452	13	773
S-3	Ill-Mo Coal Co.		Sparta	20	2,250	21	2,941	22	2,820	1	156
S-4	Oregon Coal Co.	No. 2	Tilden	8	4,128	20	11,284	21	14,624	3	1,602
S-5	Moffat Coal Co.		Sparta	22	31,680	24	35,612	26	42,423		
S-6	St. Louis Coal Co.	Florida	Coulterville	18	23,164	20	29,848	23	34,828	6	9,390
S-7	Southwestern Illinois Coal Corp.	Stream-line	Percy	19	37,545	21	59,352	23	96,301	6	25,308
Total and average				18	100,100	22	140,431	23	192,448	6	37,229
WASHINGTON COUNTY—NINTH DISTRICT.											
S-1	Centralia Coal Co.	No. 5	Centralia	21	37,986	20	36,053	23	41,577		
S-2	Clarkson Coal & Mining Co.		Nashville	20	7,175	18	7,482	21	8,888	8	3,189
S-3	Bois Coal Co.		Dubois	14	1,108	12	1,404	11	1,112	5	255
Total and average				18	46,269	17	44,939	18	51,577	7	3,444

Continued.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
								11	2,411	20	3,827	15	2,561	24	5,674	149	31,056	2-1
4	1,612	4	1,574	4	1,573	7	2,870	16	6,663	14	5,984	14	5,690	18	7,370	60	23,753	2-2
2	1,100	3	1,043	5	1,912	10	3,855	10	5,530	11	7,585	14	7,481	15	9,503	129	61,056	2-3
11	10,819	14	13,540	12	12,624	10	10,279	14	14,760	11	14,551	14	14,361	21	21,640	186	182,902	2-4
2	795	5	2,084	6	2,147	14	5,146	14	4,941	15	4,612	20	6,620	15	5,342	139	49,533	2-5
										7	1,656	21	6,310	20	9,966	98	43,401	2-6
										9	1,334	13	2,833	16	5,156	62	13,257	2-7
																70	34,787	2-8
6	8,588	16	19,076	12	15,197	22	27,839	25	36,157	23	42,266	23	44,820	26	52,394	227	379,369	2-9
1	766	1	526	1	1,212	5	3,876	14	13,014	19	18,830	16	13,310	20	18,656	138	128,908	2-10
15	17,756	20	23,095	18	21,239	9	1,048	18	26,154	23	26,536	24	28,380	19	23,101	230	276,974	2-11
										4	3,092	22	3,163	25	6,159	167	39,430	2-12
										4	1,603	23	11,347	20	12,530	127	58,597	2-13
17	10,228	15	9,132	17	10,501	20	11,516	22	18,605	19	17,355	13	11,927	18	16,337	228	186,603	2-14
5	7,604	5	8,613	7	11,937	9	16,487	11	21,020	13	24,312	13	22,758	17	29,160	138	235,715	2-15
4	2,319	6	3,452	1	1,941	6	3,312	16	8,444	12	6,821	11	6,685	17	9,459	140	77,654	2-16
8	1,274	9	2,256	12	2,811	16	3,734	19	3,802	19	4,850	20	4,122	20	5,252	204	56,189	2-17
										8	1,760	10	2,597	14	4,062	98	27,693	2-18
2	519	1	175	1	376	4	1,497	10	3,731	10	3,889	8	3,027	16	6,129	102	38,126	2-19
6	63,380	8	84,566	8	83,470	11	91,459	15	169,927	16	201,847	16	195,655	19	247,890	142	2,009,768	2-20
8	29,603	5	17,685	6	22,907	9	33,841	14	49,974	16	59,892	14	54,262	18	62,238	152	565,222	2-21
7	34,126	9	39,599	19	93,753	22	106,815	22	106,870	21	101,840	22	108,151	23	111,397	209	1,033,856	2-22
7	63,729	7	57,284	13	116,660	16	140,656	18	156,844	20	161,732	18	162,413	20	173,635	181	1,599,078	2-23
10	100	10	98	14	126	12	165	10	244	11	332	10	284	10	238	141	3,686	2-24
8	971	7	626	14	1,435	20	2,021	22	2,259	23	2,809	21	2,136	23	2,405	201	21,013	2-25
					5	47	8		154	8	182	11	212			90	2,172	2-26
5	2,696	16	3,637	9	3,395	12	5,114	8	3,011	13	4,791	14	5,375	16	6,450	151	47,820	2-27
7	700	7	625	13	990	13	1,193	2	200	15	510	16	666	22	1,149	159	13,175	2-28
6	20,761	11	40,027	14	50,625	16	58,912	19	68,657	19	67,516	21	75,343	18	62,982	124	444,853	2-29
5	3,207	4	2,386	4	2,214	9	1,843	10	5,322	13	7,854	15	9,917	13	7,681	137	85,349	2-30
				6	627	5	499	16	1,658	20	3,168	20	2,712	12	2,533	130	16,535	2-31
				13	111	8	54	14	218	20	880	13	468	19	1,133	87	2,864	2-32
5	1,164	4	928			4	3,296	6	5,924	6	5,410	6	5,423	10	2,500	149	25,040	2-33
4	3,244	4	3,751	3	3,060	4	3,296	6	5,924	6	5,410	6	5,423	10	2,500	149	25,040	2-34
9	78,195	13	91,513	13	95,337	13	100,272	15	129,364	21	167,920	19	159,085	22	189,534	195	1,561,355	2-35
11	58,733	15	84,451	17	79,247	17	81,924	21	101,304	21	117,663	21	116,239	23	132,960	222	1,196,110	2-36
		8	3,444	6	2,137	8	3,278	7	2,203	11	3,694	13	5,051	13	5,077	111	45,905	2-37
								8	4,482	12	7,428	14	8,703	16	10,919	109	68,759	2-38
7	169,771	9	231,486	11	239,304	11	261,648	12	325,904	16	392,615	16	393,414	15	435,356	141	3,847,463	2-39
9	384	7	569	11	573	15	412	19	905	23	889	15	794	19	874	200	10,352	2-40
		13	1,621	10	1,125	20	2,112	15	2,129	20	2,622	18	2,264	20	2,835	180	22,875	2-41
																52	31,638	2-42
4	6,127	7	8,275	18	27,893	12	22,239	14	25,226	21	31,941	17	30,983	22	41,458	183	297,730	2-43
10	42,919	12	45,345	13	54,655	14	55,827	19	76,490	19	80,344	21	88,448	23	95,670	200	758,234	2-44
8	49,460	9	66,496	12	95,333	13	96,066	16	123,082	16	131,057	15	141,012	17	164,372	159	1,337,086	2-45
				3	4,793	14	22,967	12	22,642	13	24,197	14	25,266	10	17,680	130	233,161	2-46
11	4,494	8	3,059	10	3,750	9	3,510	17	6,623	14	5,346	14	5,535	15	6,022	165	65,073	2-47
2	94	2	64	11	349	20	996	21	1,729	19	2,230	14	1,654	15	1,775	146	12,770	2-48
7	4,588	5	3,123	8	8,892	14	27,473	17	30,994	15	31,773	14	32,455	13	25,477	147	311,004	2-49

Mine index number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				Jan.		Feb.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
FRANKLIN COUNTY—TENTH DISTRICT.											
S-1	Bell & Zoller Coal & Mining Co.	No. 1	Zeigler	18	127,531	20	136,791	22	152,569	1	5,855
S-2	Bell & Zoller Coal & Mining Co.	No. 2	Zeigler	23	115,852	24	129,347	27	147,175	14	77,662
S-3	Chicago, Wilmington & Franklin Coal Co.	No. 1	Orient	20	103,032	20	100,853	23	118,145	16	86,935
S-4	Chicago, Wilmington & Franklin Coal Co.	No. 2	West Frankfort	19	172,427	20	189,569	22	209,763	--	--
S-5	Frankfort Coal Co.	No. 21	West Frankfort	21	16,843	13	10,542	--	--	--	--
S-5	Southern Illinois Coal Co.	No. 21	West Frankfort	--	--	--	--	--	--	--	--
S-6	Franklin County Coal Corp.	No. 5	Herrin	19	59,478	20	65,975	23	75,987	6	18,838
S-7	Franklin County Coal Corp.	No. 7	Royalton	20	78,534	20	78,975	23	94,957	8	29,635
S-8	Old Ben Coal Corp.	No. 8	West Frankfort	20	77,602	20	78,235	23	91,362	8	27,841
S-9	Old Ben Coal Corp.	No. 11	Coello	15	40,719	20	54,961	24	69,466	6	15,299
S-10	Old Ben Coal Corp.	No. 14	Buckner	18	72,390	20	80,559	23	91,494	8	28,788
S-11	Old Ben Coal Corp.	No. 15	West Frankfort	20	79,656	20	79,098	23	89,064	7	27,585
S-12	Peabody Coal Co.	No. 18	West Frankfort	20	71,570	20	73,112	23	85,828	6	19,613
S-14	Valier Coal Co.	No. 1	Valier	16	119,485	19	140,932	22	163,647	--	--
Total and average				19	1,135,119	20	1,218,949	23	1,398,457	8	338,051
SALINE COUNTY—ELEVENTH DISTRICT.											
S-1	Bankston Creek Colliery	No. 6	Carrier Mills	15	42,005	11	35,816	23	81,623	15	50,395
S-2	Blue Bird Coal Co. Slope and strip <sup>1</sup>	No. 5	Carrier Mills	14	17,535	16	25,715	18	40,490	6	10,887
S-4	Peabody Coal Co.	No. 43	Harrisburg	16	25,582	--	--	--	524	--	--
S-5	Peabody Coal Co.	No. 47	Harco	17	63,437	10	37,597	23	91,852	6	19,606
S-6	Rex Coal Co.	No. 2	Eldorado	21	46,570	20	45,133	23	54,205	10	23,199
S-7	Sahara Coal Co.	No. 1	Harrisburg	14	37,666	2	4,702	23	64,109	--	--
S-8	Sahara Coal Co.	No. 3	Harrisburg	19	36,128	--	--	--	--	--	--
S-9	Sahara Coal Co.	No. 10	Eldorado	18	38,165	17	33,915	23	47,052	11	21,610
S-10	Sahara Coal Co.	No. 12	Harrisburg	16	31,554	11	18,860	22	46,296	--	--
S-11	Wasson Coal Co.	A	Harrisburg	19	21,120	20	23,939	23	28,765	--	--
S-12	Wasson Coal Co.	No. 1	Harrisburg	20	30,794	15	23,716	25	42,637	16	28,045
Total and average				17	390,556	14	249,393	23	497,553	11	153,642
WHITE COUNTY—ELEVENTH DISTRICT.											
S-1	Norris City Coal Co.		Norris City	19	3,195	20	4,788	22	6,210	14	3,162
WILLIAMSON COUNTY—TWELFTH DISTRICT.											
S-1	Blue Hill Coal Co.		Marion	20	12,371	19	10,568	19	9,648	--	--
S-1	Marvel Coal Co.		Marion	--	--	--	--	--	--	--	--
S-2	Cartersville Mining & Engineering Co.		Carbondale	--	--	--	--	23	2,134	16	1,600
S-3	Consolidated Coal Co.	New Monarch	Herrin	19	66,196	20	71,820	24	79,872	11	39,393
S-4	Delta Coal Mining Co.		Marion	19	40,055	19	43,407	18	41,863	8	17,486
S-5	Diamond Coal Co.	No. 1	Herrin	7	400	--	--	--	--	--	--
S-6	Diamond Coal Co.	No. 2	Herrin	3	400	--	--	13	1,040	4	--
S-7	Forsyth Cartersville Coal Co.	No. 1	Cartersville	4	5,515	18	14,166	27	20,189	3	1,205
S-8	Franco Mining Corp.	No. 1	Johnston City	19	34,467	20	36,681	23	40,953	6	9,521
S-9	Freeman Coal Mining Co.		Herrin	19	35,728	19	35,408	22	41,941	--	--
S-10	Jeffries Coal Co. <sup>2</sup>	No. 3	Herrin	--	--	--	--	--	--	--	--
S-13	McLaren Coal Co.	No. 1	Cartersville	10	6,591	12	7,771	14	10,885	3	1,538
S-14	McLaren Coal Co.	No. 2	Cartersville	10	2,357	12	2,920	14	3,474	3	673
S-15	New Watson Coal Co.		Herrin	16	1,689	24	3,041	16	3,526	5	639
S-17	Seymour Coal Mining Co.		Herrin	20	28,411	20	37,581	23	51,506	9	18,955
S-19	Wallace Coal Co.		Marion	20	13,270	20	15,655	22	18,372	--	--
Total and average				14	247,450	18	279,018	20	325,403	7	91,010

<sup>1</sup> Tonnage of strip and slope mine combined for Blue Bird Coal Co. No. 5. Strip mine worked 149 days, tonnage 135,294. Slope mine worked 152 days, tonnage 114,830.

<sup>2</sup> Operated 187 days with 12,052 tons produced which was sold to the Forsyth Cartersville Coal Co., and included in their report of production.

Concluded.

## Number of days in operation and tons of coal mined.

May.		June.		July.		August.		Sept.		Oct.		Nov.		Dec.		Total.		Mine index number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
10	57,447	10	69,843	2	9,243	22	143,394	16	110,375	19	134,245	16	107,567	156	1,054,860	S-1		
9	42,637	7	37,922	21	115,069	25	130,737	8	42,520	17	98,669	13	69,465	17	98,490	205	1,105,554	S-2
		18	92,737			6	29,936	9	45,503	21	102,193	17	87,601	17	87,862	167	854,797	S-3
12	114,151			14	132,014	14	129,739	16	152,658	17	155,917	14	131,063	19	175,042	167	1,562,343	S-4
5	910	23	10,349	21	14,182	21	17,298	23	16,556	22	16,705	24	19,618	22	20,603	161	116,221	S-5
8	32,367	1	2,786	20	69,335	10	34,435	15	50,713	19	62,119	19	63,844	20	65,744	172	569,254	S-6
4	15,317	6	39,864			14	52,940	13	51,337	14	55,603	11	44,765	16	65,175	157	624,152	S-7
6	15,215	10	29,777	5	19,445	10	39,854	12	48,076	15	60,241	11	44,805	16	67,217	150	592,912	S-8
6	23,286	8	31,110	6	23,116	11	40,913	19	68,890	20	75,341	18	66,840	17	65,171	174	667,898	S-9
7	27,934	7	24,838	8	31,431	11	41,866	10	38,487	21	78,625	17	66,429	21	78,996	172	664,009	S-10
4	14,269	10	37,308	16	61,176	13	49,971	15	57,182	15	58,328	20	71,331	18	70,382	180	670,070	S-12
11	81,039	10	69,759	9	67,833	9	68,024	11	82,116	13	96,609	14	106,931	15	113,331	149	1,109,706	S-14
7	424,572	10	469,210	13	567,763	12	686,033	14	821,627	18	1,030,681	16	958,115	16	1,068,690	170	10,108,267	
13	44,059	17	45,711	20	59,523	3	13,074	21	73,537	21	71,986	21	73,050	20	61,127	200	651,906	S-1
5	7,710	11	15,690	10	13,556	2	2,683	15	24,816	19	32,246	15	25,447	21	33,349	152	250,124	S-2
						18	29,038	14	27,704	13	27,704	13	27,044	18	38,540	79	148,432	S-4
5	19,373	7	26,203	7	23,899	18	72,265	23	95,583	16	66,593	17	72,855	20	86,206	169	675,469	S-5
7	16,448	15	36,015	14	34,522	4	8,639	21	49,928	18	42,730	16	38,342	23	54,582	192	450,313	S-6
								10	6,080	21	38,980	16	43,911	21	58,573	107	253,421	S-7
7	14,004	13	26,532	9	18,245					14	27,256	16	32,925	16	32,073	144	36,128	S-8
										6	7,815	14	23,016	16	30,972	85	291,677	S-9
								12	12,316	21	24,084	21	24,225	20	32,972	136	159,407	S-10
11	20,349	19	33,566	22	38,124	2	2,776	25	41,353	25	41,419	24	40,350	25	42,703	229	157,421	S-11
																	385,832	S-12
8	121,943	14	183,717	14	187,869	6	99,437	18	332,651	18	380,813	17	401,459	20	461,097	151	3,460,130	
10	1,670			11	1,319	10	2,192	9	1,810	18	4,484	7	1,733	15	3,294	155	33,857	S-1
												14	7,247	21	11,548	58	32,587	S-1
																35	18,795	S-2
16	308	16	285	19	450	12	600	10	250	18	600	17	1,093	22	867	169	8,187	S-2
11	40,497	11	39,485	11	40,273	13	47,741	15	54,411	19	65,736	18	59,731	19	60,377	191	665,532	S-3
9	18,014	12	24,468	11	25,002	14	27,008	20	41,854	18	40,564	15	33,042	21	45,588	184	398,351	S-4
																7	400	S-5
4	700	6	900	12	900	12	1,450	14	900	12	1,200	10	1,150	12	1,550	102	10,190	S-6
7	4,648	8	4,783	8	5,103	11	10,083	19	15,880	22	16,206	16	11,682	22	17,937	165	127,397	S-7
9	14,090	10	16,524	10	15,591	12	19,972	13	22,213	18	29,337	19	32,697	16	25,938	175	297,984	S-8
		16	27,342	11	21,954	4	8,122	15	29,798	13	26,901	10	20,180	20	39,901	149	287,275	S-9
						7	5,020	10	8,648	7	5,754	6	4,945	12	11,803	81	62,955	S-10
3	278	7	884	10	1,409	2	209	5	21,351	14	30,618	14	33,156	19	48,243	148	316,102	S-11
6	13,607			4	8,593	10	11,953	16	11,722	20	14,235	21	14,475	23	16,683	169	124,244	S-15
				11	7,879	16												S-17
8	92,142	11	114,671	11	127,154	10	157,985	13	208,739	14	233,418	13	221,294	18	283,930	134	2,382,214	S-19

TABLE 13—OUTPUT OF SHIPPING MINES AND DAYS

District.	Number of days in operation and tons of coal mined.											
	January.		February.		March.		April.		May.		June.	
	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
First.....	21	238, 149	19	241, 174	21	250, 805	12	112, 593	11	130, 840	11	142, 070
Second.....	20	168, 174	19	160, 622	22	179, 647	8	32, 660	11	57, 901	11	59, 419
Third.....	22	353, 536	21	391, 107	23	480, 602	8	132, 811	9	152, 106	13	221, 130
Fourth.....	19	764, 864	20	777, 805	22	918, 131	13	364, 280	15	393, 037	18	468, 300
Fifth.....	21	248, 264	20	244, 823	21	283, 468	6	92, 233	8	94, 897	10	99, 271
Sixth.....	23	558, 170	22	559, 013	24	643, 030	11	250, 076	11	216, 842	14	225, 522
Seventh.....	20	232, 611	20	230, 480	22	242, 922	9	82, 376	7	45, 580	7	59, 091
Eighth.....	20	298, 006	19	288, 108	21	334, 556	8	86, 476	6	66, 119	8	89, 631
Ninth.....	18	667, 688	19	746, 308	18	937, 003	6	229, 528	7	287, 548	8	358, 389
Tenth.....	19	1, 135, 119	20	1, 218, 949	23	1, 389, 457	8	338, 051	7	424, 572	10	469, 210
Eleventh.....	16	393, 751	14	254, 181	23	503, 763	11	156, 804	8	123, 613	14	183, 717
Twelfth.....	14	247, 450	18	279, 018	20	325, 403	7	91, 010	8	92, 142	11	114, 671
Total and average.....	19	5, 305, 782	19	5, 391, 588	22	6, 488, 787	9	1, 968, 898	9	2, 085, 197	11	2, 490, 421

TABLE 14—SUMMARY BY DISTRICTS—MINES IN

District.	Total number of mines.	Number of mines working and average days worked each month of the year.											
		January.		February.		March.		April.		May.		June.	
		Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.
First.....	12	12	21	11	19	10	21	7	12	6	11	7	11
Second.....	8	8	20	8	19	6	22	2	8	2	11	4	11
Third.....	15	14	22	13	21	13	23	11	8	10	9	12	13
Fourth.....	14	13	19	14	20	14	22	9	13	8	15	8	18
Fifth.....	8	7	21	7	20	7	21	6	6	4	8	4	10
Sixth.....	13	13	23	13	22	13	24	11	11	10	11	8	14
Seventh.....	9	9	20	9	20	8	22	5	9	4	7	5	7
Eighth.....	23	22	20	23	19	23	21	17	8	14	6	14	8
Ninth.....	26	25	18	25	19	25	18	21	6	17	7	20	8
Tenth.....	13	13	19	13	20	12	23	10	8	11	7	12	10
Eleventh.....	12	12	16	10	14	10	23	7	11	7	8	6	14
Twelfth.....	15	14	14	12	18	14	20	11	7	9	8	9	11
Total and average.....	168	162	a 19	158	a 19	155	a 22	117	a 9	102	a 9	109	a 11

a Average.



## WORKED EACH MONTH IN 1937—BY DISTRICTS.

Number of days in operation and tons of coal mined.

July.		August.		September.		October.		November.		December.		Total.	
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
13	161, 185	16	187, 600	18	221, 245	17	257, 730	18	233, 740	20	275, 513	147	2, 452, 644
10	70, 173	9	86, 613	15	101, 119	18	119, 922	17	127, 630	20	147, 087	110	1, 311, 027
12	232, 062	15	281, 650	20	337, 902	21	361, 061	19	356, 625	22	397, 837	163	3, 698, 429
18	413, 487	19	583, 701	17	550, 761	16	614, 854	15	564, 582	18	668, 492	165	7, 082, 294
7	119, 014	11	150, 420	16	185, 555	16	178, 239	15	169, 293	18	190, 371	133	2, 055, 848
15	246, 894	11	86, 538	16	349, 654	20	383, 992	17	425, 312	19	498, 820	180	4, 443, 863
9	61, 093	10	58, 108	16	140, 040	15	168, 435	12	152, 750	17	191, 205	134	1, 664, 691
8	89, 136	11	101, 536	16	188, 894	16	234, 524	16	218, 722	19	278, 473	143	2, 274, 181
11	460, 189	12	525, 843	14	636, 824	17	717, 177	16	729, 294	17	798, 840	151	7, 094, 631
13	567, 763	12	686, 033	14	821, 627	18	1, 030, 681	16	958, 115	16	1, 068, 690	170	10, 108, 267
13	189, 188	7	101, 629	17	334, 461	17	385, 297	16	403, 192	20	464, 391	151	3, 493, 987
11	127, 154	10	157, 985	13	208, 739	14	233, 418	13	221, 294	18	283, 930	134	2, 382, 214
12	2, 737, 338	12	3, 007, 656	16	4, 076, 821	17	4, 685, 330	17	4, 560, 609	19	5, 263, 649	152	48, 062, 076

## OPERATION AND AVERAGE DAYS WORKED.

Number of mines working and average days worked each month of the year.

July.		August.		September.		October.		November.		December.		The State.	
Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.
6	13	8	16	8	18	10	17	9	18	10	20	12	147
5	10	6	9	7	15	7	18	7	17	7	20	8	140
11	12	12	15	11	20	11	21	12	19	11	22	15	163
7	18	9	19	10	17	12	16	12	15	13	18	14	165
5	7	6	11	5	16	5	16	7	15	7	18	8	133
8	15	6	11	12	16	11	20	13	17	13	19	13	180
5	9	5	10	6	16	8	15	9	12	9	17	9	134
14	8	14	11	17	16	21	16	21	16	21	19	23	143
22	11	23	12	25	14	25	17	25	16	25	17	26	151
10	13	13	12	13	14	13	18	13	16	13	16	13	170
7	13	6	7	9	17	11	17	11	16	11	20	12	151
11	11	13	10	13	13	13	14	14	13	14	18	15	134
111	a 12	121	a 12	138	a 16	149	a 17	153	a 17	154	a 19	168	152

a Average.

TABLE 15—CLASSIFICATION

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
BUREAU COUNTY—FIRST DISTRICT.															
S-1	Spring Valley Coal Mining Co., No. 3.....	Spring Valley	2	13				1	3	203					
GRUNDY COUNTY—FIRST DISTRICT.															
S-1	Northeastern Illinois Coal Co.....	Morris													
S-2	Will County Coal Co.....	Joliet													
	Total.....														
HENRY COUNTY—FIRST DISTRICT.															
S-1	Midland Electric Coal Corp., No. 1.....	Atkinson													
S-2	Shuler Coal Mining Co.....	Alpha	1	12				1	1	103					
	Total.....		1	12				1	1	103					
LASALLE COUNTY—FIRST DISTRICT.															
S-1	Buffalo Rock Coal Co.....	Ottawa													
S-2	Illinois Zinc Co., No. 3.....	Peru	3	5				1	1	84		1	4	2	
S-3	Union Coal Co., Union.....	Peru	2	19				1	4	238		2	11	5	
S-4	Wilmington Coal Mines, Inc., No. 4.....	Morris													
S-5	Osage Coal Co., No. 1.....	Ottawa													
	Total.....		5	24				2	5	322		3	15	7	
PUTNAM COUNTY—FIRST DISTRICT.															
S-1	Prairie State Coal Co.....	Granville	1	13				1	3	220	44	4	10	5	
WILL COUNTY—FIRST DISTRICT.															
S-1	Northern Illinois Coal Corp., No. 10.....	Wilmington													
PEORIA COUNTY—SECOND DISTRICT.															
S-1	Crescent Mining Co., No. 1.....	Peoria	2	19	8	4	2	8	167		10	14	14	4	
S-2	Crescent Mining Co., No. 6.....	Peoria	2	23	9		2	6	303		12	17	17	3	
S-3	Dorthel Coal Co., No. 1.....	Hanna City	1	7	2		1	2	107		2	5	5		
S-4	Central West Coal Co., No. 3.....	Edwards		5	1		1	1	60		2	3	3		
	Total.....		4	3	54	20	4	6	17	637		26	39	39	7
TAZEWELL COUNTY—SECOND DISTRICT.															
S-1	Lake Erie Mining Co.....	Peoria		10	1		1	4	110		6	8	8	1	
S-2	Ubben Coal Co.....	Pekin	1	2			1	1	30		1	2	2		
	Total.....		1	12	1		2	5	140		7	10	10	1	
WOODFORD COUNTY—SECOND DISTRICT.															
S-1	Roanoke Coal & Tile Co.....	Roanoke	2	7			1	2	37	44	2	4	2		
S-2	W. G. Sutton.....	Minonk	3	12	1		2	3		142	2				
	Total.....		5	19	1		3	5	37	186	4	4	2		



## OF MINE EMPLOYEES.

Underground.								On surface.																	
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stablenen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Engineers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen—top.	Watchmen.	Weightmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Mine index number.	
										Hoisting.	Other.														
		2	1	6	1	8	240	1		2		2	1	1				1	2	4	6	20	260	S-1	
										2			1	2		1	2	1	1	1	25	30	30	S-1	
										2			2	2		3		1	1	2	79	92	92		
			1	3	3	3	128	3		2	17		4	2	10		1	1	1	3	124	166	166	S-1	
								1		2			1		2			1	1	1	3	12	140	S-2	
			1	3	3	3	128	4		2	17		5	2	12		1	2	2	4	127	178	306		
								1							3	1	1	1			17	24	24	S-1	
		6	1	6	1	2	110	2		2	1		1		4	1	1	1	2		3	16	126	S-2	
				4	3	15	311	1		3			1	1	1		1	1	2		13	25	336	S-3	
											5	4			7	1	1	1			30	42	42	S-4	
								1							3	1	2	1	4		44	65	65	S-5	
		6	1	10	4	17	421	5	1	5	6	4	3	2	17	4		6	4	8	107	172	593		
		1	1	3	2	17	328	1	2	2		3	1	2				1	1	2	5	20	348	S-1	
								6	2		32		3	3	51	2		8	2	12	365	486	486	S-1	
				15	18	52	337	1					1	3	1	1	2	1	1		5	16	353	S-1	
		2		12	19	42	471	4					1	3	1	1	2	1	1	9	12	35	506	S-2	
4		1	1	2	3		143	2		3						1	1	1	3		3	14	157	S-3	
12					2	2	82	1								1		1	1		2	6	88	S-4	
6		3	1	29	42	96	1,033	8		3			2	6	2		4	4	3	4	13	22	71	1,104	
2				4	4		159	2					1	1			1	1	1	4	7	18	177	S-1	
				1	1	1	42			1			1				1		1	1		5	47	179	S-2
2				4	5	1	201	2		1			2	1			1	1	1	2	5	7	23	224	
				2	2	2	107	1		2	1	2	1						1	2	3	13	120	S-1	
			1		2		168	1		2		1	1		2			1	1	1	1	11	179	S-2	
			1	2	4	2	275	2		4	1	3	2		2			1	2	3	4	24	299		

TABLE 15—

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
FULTON COUNTY—THIRD DISTRICT.															
S-1	Blakley Coal Co.	Canton	---	2	5	1	---	1	1	50	---	2	3	3	---
S-2	Central States Collieries, Inc.	St. David	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	Dorthel Coal Co., No. 3.	Farmington	---	1	8	1	---	1	1	80	10	2	5	5	---
S-5	Golden Rule Coal Co.	Middle Grove	---	1	2	---	---	1	1	16	---	---	1	1	---
S-6	Illinois Colliery Co.	Farmington	---	1	5	---	---	1	1	38	---	4	3	3	---
S-7	Midland Electric Coal Corp., No. 2	Farmington	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	Peterson Coal Co.	Canton	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10	Pschirrer & Sons Coal Co., No. 3	Canton	---	1	6	1	---	1	3	65	---	1	4	4	---
S-11	Reed Mine	Canton	---	---	---	---	---	---	---	---	6	---	---	---	---
S-12	Truax-Traer Coal Co., No. 1	St. David	---	---	---	---	---	---	---	---	---	---	---	---	---
S-13	Truax-Traer Coal Co., No. 2	Fiatt	---	---	---	---	---	---	---	---	---	---	---	---	---
S-14	United Electric Coal Co., No. 9	Cuba	---	---	---	---	---	---	---	---	---	---	---	---	---
S-15	United Electric Coal Co., No. 17	Canton	---	---	---	---	---	---	---	---	---	---	---	---	---
Total			---	6	26	3	---	4	7	249	16	9	16	16	---
KNOX COUNTY—THIRD DISTRICT.															
S-1	Galesburg Mining Co., No. 1	Galesburg	2	2	13	3	---	2	3	154	---	7	12	12	1
S-2	Little John Coal Co., No. 5	Victoria	---	---	---	---	---	---	---	---	---	---	---	---	---
Total			2	2	13	3	---	2	3	154	---	7	12	12	1
CHRISTIAN COUNTY—FOURTH DISTRICT.															
S-1	Pana Coal Co., No. 1	Pana	---	2	8	---	---	1	1	---	110	2	---	---	---
S-2	Peabody Coal Co., No. 7	Kincaid	3	2	---	29	17	2	23	---	---	73	8	8	---
S-3	Peabody Coal Co., No. 8	Kincaid	2	2	---	33	32	2	23	16	---	64	8	8	2
S-4	Peabody Coal Co., No. 9	Taylorville	2	2	---	28	15	2	18	---	---	70	12	12	---
S-5	Peabody Coal Co., No. 58	Taylorville	3	2	---	27	15	2	14	---	---	48	5	5	---
S-6	Penwell Coal Mining Co	Pana	---	2	11	---	---	2	2	6	167	2	---	---	---
Total			10	12	19	117	79	11	81	22	277	259	33	33	2
SANGAMON COUNTY—FOURTH DISTRICT.															
S-1	Central Illinois Mining Co., "A"	Springfield	---	1	21	1	---	1	2	---	218	8	---	---	---
S-2	Mine B Coal Co., "B"	Springfield	1	2	22	1	---	2	3	---	350	9	---	---	---
S-3	Panther Creek Mines, Inc., No. 4	Springfield	---	2	20	2	---	2	3	---	340	6	---	---	---
S-4	Panther Creek Mines, Inc., No. 5	Springfield	---	2	17	2	---	2	3	---	345	5	---	---	---
S-5	Peabody Coal Co., No. 53	Springfield	1	2	33	9	4	1	12	169	---	10	---	16	---
S-6	Peabody Coal Co., No. 57	Springfield	2	2	26	8	6	2	8	140	---	8	7	7	---
S-7	Peabody Coal Co., No. 59	Springfield	1	1	35	10	6	2	9	121	---	7	2	16	---
S-9*	Employees Group Jefferson Mine	Springfield	*	1	2	---	---	1	1	---	25	1	---	---	---
S-9*	The Brewerton Co., No. 81	Springfield	*	1	6	2	---	1	2	---	76	2	---	---	2
Total			5	13	178	35	16	13	41	430	1303	54	9	39	2
EDGAR COUNTY—FIFTH DISTRICT.															
S-1	Lincoln City Coal Co., Inc.	St. Bernice	---	---	---	---	---	---	---	---	---	---	---	---	---
MACON COUNTY—FIFTH DISTRICT.															
S-1	Macon County Coal Co., No. 1	Decatur	---	2	18	3	---	1	6	210	---	3	9	9	---

\* Number of employees averaged account different managements same mine.

Continued.

Underground.								On surface.														Total —all employees	Mine index number.	
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stablemen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Hoisting.	Engineers. Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen —top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.			Total on surface.
12					3	2	75	1		1				1		1		1	2		3	10	85	S-1
12			1	1	5	6	129	1	1	3	5	4	2	2	19	2	2	1	1		58	98	98	S-2
							22			1				1		1	1	1	1		1	12	141	S-4
		2		2	2		62	1	1	1		1				1		1	1		7	3	25	S-5
									1		18			2	14	1		1	6		131	183	183	S-7
3		1			4		94	1	1	1	1	1				1	1		2		3	11	105	S-10
							6	2	1	1	1			1		23	1	2	1	3	60	94	94	S-12
								1	1					1	12		1	1	2		71	90	90	S-13
								1	1		5		2	1	13	1		1	1		79	105	105	S-14
								1	1		1		1		5	1	1	1	1		64	77	77	S-15
7		3	1	3	14	8	388	11	7	8	31	6	17	6	87	11	1	8	8	20	475	696	1,084	
2	2	4	1	1	8	10	239	2	1	3	1	1	1		6	1			2		6	24	263	S-1
								2	5		10		2	5	8	1		3		2	77	115	115	S-2
2	2	4	1	1	8	10	239	4	6	3	11	1	3	5	14	2		3		4	83	139	378	
	4	2		2	2	1	135	1		3	1	3		1		1		1	2		11	24	159	S-1
13	3		31	32	183		414	4	1	4			1	2	59	1	5	3	5		52	138	552	S-2
32	2	3	20	37	148		415	4	1	4				5	50	1	4	3	5		49	127	542	S-3
	1		28	33	145		400	4	1	4			1	4	60	1	4	3	5		63	150	550	S-4
	6		18	31	121		297	6	1	4		3	1	2	62	1	5	2	6		30	123	420	S-5
	5	1	4	4	9		215	1	1	3		3		1	6	1	1	1	3		10	31	246	S-6
45	6	20	1	103	139	607	1,876	20	5	22	1	9	4	15	237	6	1	19	13	26	215	593	2,469	
2		4	1	4	9	19	291	1	1	3			1				1		4		16	28	319	S-1
4		2	1	8	12	18	435	4	3	3	1		1					1	8		4	25	460	S-2
4		3	1	9	9	16	417	2	2	3		1	1				1		3		15	29	446	S-3
3		2	1	8	12	17	419	1	3	3		1	1		3		2	2	3		11	31	450	S-4
		1	1	31	32	105	427	3	1	4	1		1	1	16	1	1	3	1	5	17	55	482	S-5
		1	1	34	30	103	385	1	1	4	2	2	1	1	14	1	1	4	1	5	34	72	457	S-6
		4	1	27	25	69	336	1	1	4		3	1	1	20	1	1	3	2	5	19	62	398	S-7
1				1	1	6	40	1	1	1			1		1			1	1		2	9	49	S-9
2		1	1	2	2		100	1	1	3			1		1	1	1	1	2		3	15	115	S-9
14		18	8	122	130	353	2,780	14	13	26	4	7	8	3	54	6	4	13	10	35	118	314	3,094	
											7		1		10	1					13	32	32	S-1
		1	1	4	3	27	297	1	1	1	3	1	1			1		1	1	6	6	23	320	S-1

\* Number of employees averaged account different managements same mine.

TABLE 15—

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
VERMILION COUNTY—FIFTH DISTRICT.															
S-1	United States Fuel Co., Bun.....	Georgetown.....	15	5	---	17	13	7	14	752	---	90	33	33	---
S-2	Peabody Coal Co., No. 24.....	Danville.....	4	1	6	35	30	2	11	---	---	58	22	22	---
S-3	F. C. Morgan Coal Co.....	Danville.....	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	Tilton Mining Co., No. 1.....	Danville.....	---	1	3	1	---	1	1	42	6	---	3	3	1
S-5	Pyramid Coal Corp., No. 2.....	Danville.....	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	J. G. Skelton Coal Co.....	Danville.....	---	---	1	---	---	1	---	---	6	---	---	---	---
Total.....			19	7	10	53	43	11	26	794	12	148	58	58	1
MACOUPIN COUNTY—SIXTH DISTRICT.															
S-1	Consolidated Coal Co., No. 7.....	Staunton.....	2	1	---	9	10	2	75	---	---	33	10	10	---
S-2	Consolidated Coal Co., No. 15.....	Mt. Olive.....	3	2	---	24	34	5	12	---	---	56	18	18	---
S-3	Gillespie Coal Co.....	Gillespie.....	2	2	16	5	---	1	4	100	---	5	6	5	---
S-4	Mt. Olive Coal Co., Hoosier.....	Mt. Olive.....	---	2	4	2	---	1	1	97	---	6	4	3	---
S-5	* South Mine Coal Co.....	Carlinville.....	---	---	2	---	---	1	1	15	---	---	1	1	---
S-5	* South Mine Co.....	Carlinville.....	---	1	3	---	---	1	1	24	---	---	1	1	---
S-6	Superior Coal Co., No. 1.....	Gillespie.....	4	4	1	13	8	4	10	137	---	28	5	5	---
S-7	Superior Coal Co., No. 2.....	Gillespie.....	4	4	---	13	6	3	12	154	---	27	6	6	---
S-8	Superior Coal Co., No. 3.....	Gillespie.....	5	3	1	15	28	5	11	---	---	58	7	7	---
S-9	Superior Coal Co., No. 4.....	Gillespie.....	10	3	2	22	---	5	12	515	---	60	17	17	---
S-10	* Virden Coal Co.....	Virden.....	---	2	7	1	---	1	---	80	---	3	4	4	---
S-10	* Lincoln Liquidating Corp.....	Virden.....	---	2	7	1	---	1	---	80	---	3	4	4	---
Total.....			30	24	33	104	86	28	68	1103	---	276	78	76	---
MONTGOMERY COUNTY—SIXTH DISTRICT.															
S-1	* Hillsboro Coal Co.....	Hillsboro.....	---	2	16	---	3	2	4	94	---	16	6	7	---
S-1	* Hillsboro Mining Co.....	Hillsboro.....	---	2	14	---	---	2	---	82	---	4	4	4	---
S-2	Indiana & Illinois Coal Corp., No. 10.....	Nokomis.....	3	2	---	26	30	3	7	---	---	46	9	9	---
S-3	Nokomis Coal Co., Reliance.....	Nokomis.....	2	2	---	9	12	1	6	---	---	24	8	8	---
Total.....			5	6	15	35	45	6	17	88	---	80	22	22	---
BOND COUNTY—SEVENTH DISTRICT.															
S-1	Illinois-Pocahontas Coal Co., A.....	Pocahontas.....	6	2	11	---	---	1	1	70	---	2	8	9	1
MADISON COUNTY—SEVENTH DISTRICT.															
S-1	Bullock Mining Co.....	Collinsville.....	---	1	7	---	---	---	1	39	---	---	2	2	---
S-2	Chicopee Coal Co.....	Troy.....	1	2	6	2	---	1	2	68	---	3	4	4	---
S-3	Livingston-Mt. Olive Coal Co., No. 1.....	Livingston.....	---	2	---	2	---	1	2	170	---	10	12	12	---
S-4	Lumaghi Coal Co., No. 2.....	Collinsville.....	2	1	---	11	---	2	8	151	---	27	14	13	---
S-5	Madison County Coal & Mining Co.....	Edwardsville.....	---	1	---	3	7	1	4	40	---	10	7	7	---
S-6	Mt. Olive & Staunton Coal Co., No. 2.....	Staunton.....	1	2	34	26	36	3	13	---	---	30	17	16	---
Total.....			4	9	47	44	43	8	30	468	---	80	56	54	---
MARION COUNTY—SEVENTH DISTRICT.															
S-1	Marion County Coal Co.....	Centralia.....	2	1	16	10	14	2	7	12	---	14	8	8	---
S-2	Odin Coal Co.....	Odin.....	2	2	10	---	---	1	1	92	---	4	---	16	---
Total.....			4	3	26	10	14	3	8	104	---	18	8	24	---

\* Number of employees averaged account different managements same mine.

Continued.

Underground.										On surface.													
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stablenen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Engi- neers.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Mine index number.
										Hoisting.	Other.												
7		5		82	70	107	1,250	9	1	6	1	5	1	2	7	1		1	5	37	76	1,326	S-1
	3	1	62	43	180	480		4	5	3	3	3	1	2	29	1	1	2	4	26	91	571	S-2
											6				5	1				22	35	35	S-3
				2	1	1	66	1		1								1	1	1	5	71	S-4
									1	3		3	1	1	6	1		1	2	20	39	9	S-5
							8				1									1	1	9	S-6
7		8	1	146	114	288	1,804	14	7	13	11	11	4	5	47	4	1	3	6	106	247	2,051	
12		2		13	19	73	201	2	3	3		4	2		5	1			2	4	60	261	S-1
38				27	34	109	380	7	4	4	3	6	1	5	47	1	1	1	2	3	126	506	S-2
	3	2		6	6	19	182	2	2	3			1	3				1	1	10	23	205	S-3
				3	3	3	129	1	2	3		4	1	1		1		1	3	5	22	151	S-4
				2	1		24			1								1			4	26	S-5
				2	1		35			1			1					1	1			39	S-6
	3			27	36	55	340	3		4		6	1		7			1	2	26	50	390	S-7
	4			20	30	56	344	2		4		7	1		4			1	2	20	41	385	S-8
	3			13	51	134	341	2		4		10	1		19			1	2	16	55	396	S-9
	2			47	59	141	912	3		4		8	1				1	2		24	43	955	S-10
				2	3	4	111	1	1	3		1	1			1	1	2		14	125	S-11	
				2	3	4	111	1	1	3		1	1			1	1	2		2	14	125	S-12
50		16	2	160	242	594	2,970	23	12	32	3	46	11	9	82	4	1	6	16	178	437	3,407	
18		5	2	11	10	1	197	3		3		5	1	2	5		1		2	7	29	226	S-1
16		6	1	9	9	3	156	2	2	3		5	1		8			2	1	8	32	188	S-2
11		5		33	40	107	331	3	3	3	1	1	1	2	40	1	1	2	3	18	79	410	S-3
12		2		16	14	29	145	6	4	3	1	6	1	2	19	1		1	2	14	63	208	S-4
40		12	2	59	63	138	653	12	9	9	2	12	3	6	65	2	2	1	6	39	172	825	
18	2	2		3	2		128	1	1	2	1	1	1		5	1		1		15	143	S-1	
				1	2		55	1		1						1	1	1	1	2	8	63	S-1
				5	4	1	103	1	2	3		2								4	14	117	S-2
				1	11	3	227	2	1	3		4		1	3		1	2	2	7	26	253	S-3
19	2	5	1	28	22		306	6	2	3		4	1	2	17	1	3	1	5	27	72	378	S-4
				12	8	42	142	1		1	2	1	1	1	12	1		1	1	3	25	167	S-5
				1	19	47	405	5	2	4	1	11	1	6	46	1	1	1	5	18	103	508	S-6
19	3	5	2	66	94	206	1,238	16	7	15	3	22	3	10	78	4	1	6	6	61	248	1,486	
4		4	1	9	9	68	189	8	5	3		6	1	1	8	1	3	1	4	20	61	250	S-1
				1	4		133	2	2	4		4	1		2	1		1	2	3	22	155	S-2
4		4	1	10	13	68	322	10	7	7		10	2	1	10	2		3	2	23	83	405	

\* Number of employees averaged account different managements same mine.

TABLE 15—

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
CLINTON COUNTY—EIGHTH DISTRICT.															
S-1	Beckemeyer Coal Co.	Beckemeyer	2	5	1	1	1	71	2	4	4				
S-2	Citizens Coal Co., East	Breese	2	7	1	1	1	80	3	4	4				
S-4	Southern Coal, Coke & Mining Co., No. 9	New Baden	3		3	2	2	147	14	12	12				
	Total		7	12	5	4	4	227	71	19	20	20			
ST. CLAIR COUNTY—EIGHTH DISTRICT.															
S-1	Freeburg Coal Co.	Freeburg	1	4		1		40	1						
S-2	Gill Coal Corp., Lyle	Marissa	2	5		1	1	60	2						
S-3	Golden Rule Coal Co.	Lenzburg	2	3		1	1	26	1						
S-4	Groom Coal Co.	Belleville	2	6	2	4	1	30	2	4	4				
S-5	Gundlach Coal Co.	E. St. Louis	18	4	6	1	2								
S-6	Lenzburg Coal Co.	Lenzburg	1	4		1	1	31	1						
S-7	Mulberry Hill Coal Co.	Freeburg	1	7	1	4	3	2	2	2	2				
S-8	Marissa Coal Co., O. K.	Marissa	1	4		1	1	58	1						
S-9	Perry Coal Co., Carbon	O'Fallon	1	7		1		53	1						
S-10	Perry Coal Co., St. Ellen	O'Fallon	2	1	11	12	12		52	12	11				
S-11	Prairie Coal Co.	Belleville	2	10	1	1	2	150	3						
S-13	St. Louis & O'Fallon Coal Co., No. 2	E. St. Louis	1	2	13	25	3	9	38	12	12				
S-14	Service Coal Co.	Belleville	1	3		1	1	53	2					1	
S-16	Southern Coal, Coke & Mining Co., No. 6	Belleville	1	4		1	1	76	2						
S-17	Southern Coal, Coke & Mining Co., No. 7	Belleville	3	15	4	12	1	4		4					
S-18	United Electric Coal Cos., No. 13	Freeburg													
S-19	Vinegar Hill Coal Co.	Lenzburg	2	4		1	1	38	1						
S-20	White Coal Co.	Belleville	1	6		1	1	51							
S-21	Mascoutah Coal Mining Co.	Mascoutah	1	3	1	1	1	36	2						
S-25	New National Coal & Mining Co.	Belleville	1	4		1		36	1	2	2				
	Total		3	26	107	37	63	21	42	140	598	120	40	40	2
JACKSON COUNTY—NINTH DISTRICT.															
S-1	Truax-Traer Coal Co., No. 2	Elkville													
S-2	Union Colliery Co., Kathleen	Dowell	4	2		40	46	5	20	125	78	22	22	5	
	Total		4	2		40	46	5	20	125	78	22	22	5	
PERRY COUNTY—NINTH DISTRICT.															
S-1	Bailey Bros. Coal Co.	DuQuoin		1					5						
S-2	Beaucoup Coal Co.	Pinckneyville		1		1	1	8							
S-3	Biby Coal Co.	Pinckneyville		2					6						
S-3	Bird & Tanner	Pinckneyville					1		9						
S-4	Pinckneyville Mining Co., No. 5	Pinckneyville	1	4		1	1		50	2					
S-5	Conant Coal Co.	Conant		1		1	1		10		1	1			
S-6	Crerar-Clinch Coal Co., No. 14	DuQuoin	2	2	4	6	8	3	9	303	16	21	21	1	
S-6	Peabody Coal Co., No. 14	DuQuoin	2	2	4	6	16	3	9	160	20	13	13	1	
S-8	Cutler Coal Co.	Cutler	1	7	1	1	1	70			2	5	5		
S-9	Home Coal Co., No. 43	Tamaroa	1	3		1	1		30						
S-10	K. & E. Coal Co., No. 1	Tamaroa	1	2		1	1		20						
S-11	New Galum Coal Co.	Cutler		4			1		19						
S-12	Perfection Coal Co.	DuQuoin													
S-13	Pyramid Coal Corp.	Pinckneyville													
S-14	United Electric Coal Cos., No. 11	DuQuoin													
S-15	Whip-Poor-Will Coal Co.	Cutler	1	2	7		1	1	14	40		1	1		
S-16	Coulterville Coal Co.	Coulterville		2	7	1	1	1	68		2	3	3		
	Total		5	12	40	8	12	10	19	392	189	24	27	27	1

\* Number of employees averaged account different managements same mine.

Continued.

Underground.								On surface.														Total—all employees.	Mine index number.			
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stablenen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Hoisting.	Engi- neers.	Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen - top.	Watchmen.	Weightmen.	Office employees at mine.			Others on surface.	Total on surface.	
		1		4	4	4	103	2	1	2			1	1					1	1	2	4	15	118	2-1	
		2		2	2	2	110	1	1	3			2	1					1	1	1	4	14	124	2-2	
				6	12	5	220	3		3			3	1	1	3				4	1	6	25	245	2-4	
		3		12	18	11	433	6	2	8			6	3	1	3			1	6	4	14	54	487		
2							51	1	1	1			1				1		1	1		1	8	59	2-1	
12							76	1		2			1	1					1			6	82	2-2		
6			1				43			2						2			1	1		1	8	51	2-3	
2						12	76	1	1	2	1		1		1	6	1		1	1		3	19	95	2-4	
2						33	105	1						1		17					6	25	130	2-5		
6							48	1		1						1			1			1	5	53	2-6	
9		1		1	2		58	1		2			1			9			1	1		3	18	76	2-7	
2		1		4	1	17	70			1			1	1		1			1	1		1	8	78	2-8	
12		6		1	2	12	80	1		2			1			4			1	1		2	15	95	2-9	
12		3	5		24	29	101	1	1	3	2		1	1	2	30	1			4	21	65	351	2-10		
12					10	6	187	2		3			1	1		1	1		1	1	1	17	18	205	2-11	
2					1	1	64	1		2						19	1		1	1	3	16	52	372	2-13	
7		3		2	7	13	98	3		3			2			22			1	1		7	43	141	2-16	
8							65	1		2	2		1			13	1		2	1		43	65	18		
11					2	4	75	1		1			2	1		2			1	2	1	2	10	75	19	
						6	55	1		1			1				1					11	86	20		
4							53	1		1			1			2	1	1	1			7	61	21		
89	3	17	5	79	118	354	1,904	22	3	32	5	20	10	4	129	10			7	21	20	122	405	2,309		
								2						1		31	1	4	5		101	145	145	2-1		
		5		23	34	51	482	2	7	1	4		2	9	52	1	1	3	1	7	41	131	613	2-2		
		5		23	34	51	482	4	7	1	4		3	9	83	2	1	7	1	12	142	276	758			
							6			1											1	2		2		
							11			1			1									2		13	2-1	
							8			1			1								1	3		11	2-2	
							10			1			3						1			3		13	2-3	
		1	1				64	1	1	3		1									1	10		74	2-4	
					2	1	15														1	2		17	2-5	
4		3	1	6	18	60	488	2	1	4		5	1	6	26	1		2	1	6	69	124	612	2-6		
4		3	1	6	28	150	441	2	1	4		5	1	4	7	1		2	1	6	98	132	573	2-6		
		1		1	5		100	1	1	2		1			4		1		1		1	12	112	2-8		
1					1		38			1		1							1			3		41	2-9	
2							28			1		1				1			1			5		33	2-10	
				1			24	1		1		1									2		29	2-11		
								1		4		4									45	57	57	2-12		
								11	1			11	14	54	2		7	2	6		290	398	398	2-13		
2		1			3		74	1	1	3		7	2	4	15	1		1	1	2	211	247	247	2-14		
2			1		4		95	1		3			1			1			1	1	2	13	87	57	2-15	
													1						1	2		4	12	107	2-16	
11		6	3	8	39	106	938	21	6	26	8	18	16	23	91	6	2	11	9	20	645	902	1,840			

\* Number of employees averaged account different managements same mine.



TABLE 15—

Mine index number.	Name of operator.	Post office of mine.	Underground.											
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.
RANDOLPH COUNTY—NINTH DISTRICT.														
2-2	Crain Coal Co.	Percy	---	---	1	---	---	1	4	---	---	---	2	---
2-3	Ill-Mo Coal Co.	Sparta	---	---	3	---	---	1	14	---	---	---	1	---
2-4	Oregon Coal Co., Eureka No. 2	Tilden	---	2	7	---	---	1	---	117	---	---	---	---
2-5	Moffat Coal Co.	Sparta	1	24	9	---	2	10	35	---	---	25	12	12
2-6	St. Louis Coal Co., Florida	Coulterville	1	17	4	13	1	4	12	21	---	4	12	3
2-7	Southwestern Illinois Coal Co.	Percy	---	---	---	---	---	---	---	---	---	---	---	---
	Total		2	55	52	13	21	4	17	65	138	33	25	27
WASHINGTON COUNTY—NINTH DISTRICT.														
3-1	Centralia Coal Co., No. 5	Centralia	1	1	---	15	12	1	8	48	---	33	10	10
2-2	Clarkson Coal & Mining Co.	Nashville	---	2	6	1	---	1	1	60	---	1	3	3
2-3	Bois Coal Co.	Dubois	---	---	3	---	---	1	1	---	23	---	---	---
	Total		1	3	9	16	12	3	10	108	23	34	13	13
FRANKLIN COUNTY—TENTH DISTRICT.														
3-1	Bell & Zoller Coal & Mining Co., No. 1	Zeigler	4	1	---	41	40	6	24	---	---	113	23	24
2-2	Bell & Zoller Coal & Mining Co., No. 2	Zeigler	3	2	---	53	41	0	24	---	---	121	25	23
2-3	Chicago, Wilmington & Franklin Coal Co., No. 1	Orient	---	4	---	4	32	6	17	---	---	63	15	15
2-4	Chicago, Wilmington & Franklin Coal Co., No. 2	W. Frankfort	8	1	---	18	66	16	36	---	---	106	32	32
2-5	Frankfort Coal Co., No. 21	W. Frankfort	2	2	---	7	2	5	80	---	---	16	9	9
2-6	Southern Illinois Coal Co., No. 21	W. Frankfort	2	1	---	7	3	2	5	---	---	22	7	7
2-7	Franklin County Coal Corp., No. 5	Herrin	3	2	39	18	22	8	14	35	---	14	---	31
2-8	Franklin County Coal Corp., No. 7	Royalton	6	2	---	23	8	8	14	3	36	72	31	31
2-9	Old Ben Coal Corp., No. 8	W. Frankfort	1	2	---	12	16	7	13	98	---	60	12	12
2-10	Old Ben Coal Corp., No. 11	Coello	2	2	---	10	12	3	11	20	---	42	9	9
2-11	Old Ben Coal Corp., No. 14	Buckner	3	2	---	10	10	4	11	112	---	52	12	12
2-12	Old Ben Coal Corp., No. 15	W. Frankfort	1	2	---	12	8	4	11	144	---	47	11	11
2-13	Peabody Coal Co., No. 18	W. Frankfort	5	1	---	21	30	6	16	---	---	44	23	23
2-14	Valier Coal Co., No. 1	Valier	9	2	---	50	25	11	21	---	---	109	25	25
	Total		50	25	39	279	313	89	217	492	36	862	226	256
SALINE COUNTY—ELEVENTH DISTRICT.														
3-1	Bankston Creek Colliery Co., No. 6	Carrier Mills	---	---	5	---	1	1	---	---	---	10	4	4
2-2	Blue Bird Coal Co., St. St., No. 5	Carrier Mills	4	---	---	---	---	---	---	---	---	42	12	13
2-3	Peabody Coal Co., No. 43	Harrisburg	2	1	---	18	20	5	10	27	---	63	17	17
2-4	Peabody Coal Co., No. 47	Harco	8	1	---	17	14	7	14	295	---	63	17	17
2-5	Rex Coal Co., No. 2	Eldorado	---	---	11	9	2	8	---	---	---	44	14	14
2-6	Sahara Coal Co., No. 1	Harrisburg	4	2	13	6	5	4	8	350	---	32	16	16
2-7	Sahara Coal Co., No. 3	Harrisburg	4	2	---	6	19	3	8	---	---	36	9	37
2-8	Sahara Coal Co., No. 10	Eldorado	3	2	6	5	---	5	8	240	---	29	9	10
2-9	Sahara Coal Co., No. 12	Harrisburg	3	2	10	6	---	2	6	267	---	29	9	9
2-10	Wasson Coal Co., A	Harrisburg	3	2	---	3	---	1	3	150	---	15	8	8
2-11	Wasson Coal Co., No. 1	Harrisburg	3	2	---	13	32	3	13	---	---	53	9	9
2-12			---	---	---	---	---	---	---	---	---	---	---	---
	Total		35	15	29	90	99	33	79	1329	---	353	98	137
WHITE COUNTY—ELEVENTH DISTRICT.														
3-1	Norris City Coal Co.	Norris City	1	1	3	---	---	1	1	35	---	2	2	2

\* Number of employees averaged account different managements same mine.



Continued.

Underground.											On surface.														
Shot firers and drillers.	Shot firers' runners.	Sprangers.	Stablenen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Engi- neers.	Hoisting.	Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen-top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Mine index number.
2	2	4	1	1	1	8	26	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2	10	8-2
2	4	4	14	16	4	141	267	2	1	2	2	4	2	3	1	16	1	1	1	1	1	3	13	154	8-4
2	4	1	9	9	86	174	267	1	2	2	2	6	2	2	1	22	1	1	1	1	1	6	45	219	8-6
6	8	6	25	29	137	616	7	4	9	10	9	10	10	3	43	2	3	7	13	120	240	856			
1	12	14	12	178	2	2	1	3	7	1	1	16	1	1	16	1	1	1	4	12	52	230	8-1		
2	3	5	86	1	1	30	1	1	2	1	1	2	1	1	2	1	1	1	2	2	12	96	8-2		
2	1	15	19	12	294	4	3	4	3	8	2	1	18	2	2	4	4	15	70	364					
21	40	75	93	507	5	9	5	4	5	1	8	1	8	1	1	4	1	2	43	88	595	8-1			
23	58	73	108	570	4	1	5	5	5	1	20	31	2	1	1	13	138	227	797	8-2					
7	20	60	140	387	4	5	2	6	3	5	76	1	2	1	6	31	142	529	8-3						
11	48	76	252	702	10	2	6	3	3	5	10	108	1	3	1	14	80	246	948	8-4					
2	10	10	161	161	2	4	4	4	8	1	3	11	1	1	1	3	3	39	200	2-5	*				
16	12	11	48	149	1	4	4	4	7	1	1	9	1	1	1	2	2	35	184	2-5	*				
11	18	31	190	438	4	4	4	4	6	2	1	43	1	2	1	8	35	112	550	2-6					
7	17	35	78	374	2	7	2	3	4	1	6	44	1	1	1	1	3	56	132	506	2-7				
30	10	36	44	355	2	2	4	5	1	1	5	15	2	3	2	13	63	112	467	2-8					
20	8	36	30	214	2	2	4	1	1	1	5	4	1	1	5	2	42	64	278	2-9					
28	14	36	46	353	2	4	4	4	1	6	6	14	1	2	2	2	48	71	424	2-10					
28	17	32	42	370	2	5	4	2	6	12	1	14	1	3	2	10	54	100	470	2-11					
30	36	37	94	370	3	1	4	2	5	1	1	14	1	3	1	6	58	100	470	2-12					
60	35	38	83	495	6	5	4	1	8	8	1	8	8	1	3	1	4	33	74	569	2-14				
285	13	1	332	576	1,248	5,290	43	35	57	19	55	21	68	372	12	3	30	17	86	683	1,505	6,795			
2	4	8	46	2	2	3	1	5	13	1	3	4	49	82	128	2-2									
16	2	23	59	260	2	8	4	4	4	1	2	7	1	3	2	1	4	27	63	323	2-4				
3	8	24	94	587	3	4	4	2	6	3	2	3	1	2	3	7	79	119	706	2-5					
4	30	21	120	283	2	4	3	2	6	1	3	27	1	1	2	1	5	9	67	350	2-6				
4	7	24	26	523	2	3	3	1	4	1	1	14	1	2	3	1	1	31	68	591	2-7				
5	31	15	118	293	2	4	3	2	4	1	2	12	1	2	2	1	1	10	43	336	2-8				
3	4	1	5	9	355	1	4	3	3	1	2	10	1	2	1	2	1	18	48	403	2-9				
2	5	12	6	369	2	3	3	2	1	1	1	14	1	1	1	1	23	55	424	2-10					
3	2	4	15	4	220	1	2	1	4	1	7	7	1	1	1	1	1	20	29	249	2-11				
3	8	20	27	61	257	4	4	3	1	6	1	20	20	3	1	1	25	68	325	2-12					
42	32	1	113	184	497	3,193	23	36	29	9	40	20	16	131	9	4	22	11	29	413	792	3,985			
2	1	1	2	55	1	3	1	1	1	1	3	1	1	3	1	1	2	13	68	8-1					

\* Number of employees averaged account different managements same mine.

TABLE 15—

Mine index number.	Name of operator.	Post office of mine.	Underground.												
			Brattice men.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
	WILLIAMSON COUNTY—TWELFTH DISTRICT.														
S-1 *	Blue Hill Coal Co.....	Marion.....	2	5	1	1	1	59	1	3	3	1			
S-1 *	Marvel Coal Co.....	Pittsburg.....	1	5	1	1	1	57	1	3	3	1			
S-2	Carterville Mining & Engineering Co.	Carbondale.....													
S-3	Consolidated Coal Co., New Monarch	Herrin.....	3	2	10	3	7	45	13	13	3				
S-4	Delta Coal Mining Co.....	Marion.....													
S-5	Diamond Coal Co., No. 1.....	Herrin.....		1		1		5							
S-6	Diamond Coal Co., No. 2.....	Herrin.....													
S-7	Forsyth Carterville Coal Co., No. 1.....	Carterville.....													
S-8	Franco Mining Corp., No. 1.....	Johnston City.....	2	2	12	6	10	109	10	32	20	14	9		
S-9	Freeman Coal Mining Co.....	Herrin.....	2	4	7	5	6	2	4	100	22	6	6	1	
S-10	Jeffries Coal Co., No. 3.....	Herrin.....		1				1		6					
S-13	McLaren Coal Co., No. 1.....	Carterville.....													
S-14	McLaren Coal Co., No. 2.....	Carterville.....			1	1	1			2	1	1			
S-15	New Watson Coal Co.....	Herrin.....		2		1	1			21					
S-17	Seymour Coal Mining Co.....	Herrin.....	2	8	5	7	9	1	6	74	28	7	7	4	
S-19	Wallace Coal Co.....	Marion.....		2	6	3	1	2			2	2	2	1	
	Total.....		9	19	27	36	19	17	33	283	100	132	52	46	19

\* Number of employees averaged account different managements same mine.

Concluded.

Underground.								On surface.																
Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stablenen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmith.	Carpenters.	Engineers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen—top.	Watchmen.	Weightmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Mine index number.
										Hoisting.	Other.													
4	1				3	*	85	1	1	3		1	1		5		1	1	1	1		15	100	2-1
4	1				3	1	83	1		3		1		1							15	98	2-1	
								1	1	4	4	1	3	2	4	1	1	1	1	1	7	25	25	2-2
4		2		15	27	119	266	3	4	4	1	4	3	2	52	1	1	2	6	19	102	368	2-3	
									1		3		1	2	12	1	1			2	90	90	2-4	
2					1		10	1		1											2	12	2-5	
								1		1											9	9	2-6	
								1	1	4	1				3	1	1	1	1	15	27	27	2-7	
2		2		18	17	8	273	3	5	4	1	9	1	2	15	1	1	1	2	62	335	2-8		
2	2	2		15	15	19	220	2	2	4			1		30	1	1		2	48	268	2-9		
2							10			1										1	11	11	2-10	
								1			4				6	1	1	1	1	19	33	33	2-13	
2				1	1		12			1										1	1	1	13	2-14
2				2			29	1		1					1					3	32	32	2-15	
3				9	25	47	242	1		4		3	2	2	30	1	1	1	2	61	303	2-17		
2	2	1	1	6	6	5	44		1	1			1					1	2	12	16	60	2-19	
25	5	7	1	66	95	199	1,190	15	15	33	14	17	11	9	158	8	3	7	9	19	184	495	1,685	

\* Number of employees averaged account different managements same mine.

TABLE 16—CLASSIFICATION OF

District.	Underground.																	
	Brattice men.	Cagers.	Drivers.	Electricians and helpers. Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen	Shot firers and drillers.	Shot firers' runners.	Spraggers.	Stabmen.	Timbermen.	
First	---	9	62	---	5	12	542	350	7	25	12	---	---	---	9	4	25	
Second	4	9	85	22	4	11	27	814	186	37	53	51	8	8	7	3	35	
Third	2	8	39	6	---	6	10	403	16	16	28	28	1	9	7	2	4	
Fourth	15	25	197	152	95	24	122	452	1,580	313	42	72	4	59	6	38	9	
Fifth	19	9	28	56	43	12	32	1,004	12	151	67	67	1	7	---	9	2	
Sixth	35	30	48	139	131	34	85	1,191	---	356	100	98	---	90	---	28	4	
Seventh	14	14	84	54	57	12	39	642	---	100	72	87	1	31	5	11	3	
Eighth	3	33	119	42	63	25	46	367	669	139	60	60	2	89	3	20	5	
Ninth	12	22	101	77	91	22	66	690	350	109	87	89	9	19	---	20	9	
Tenth	50	25	39	279	313	89	217	492	36	862	226	256	14	285	---	13	---	
Eleventh	36	16	32	90	99	34	80	1,364	---	355	100	139	28	42	2	33	1	
Twelfth	9	19	27	36	19	17	33	283	100	132	52	46	19	25	5	7	1	
Total	199	219	861	953	915	291	769	8,244	3,299	2,637	912	1,005	87	664	23	198	42	
																	1,411	

## MINE EMPLOYEES BY DISTRICTS.

Underground.			On surface.																
Trackmen.	All others underground.	Total underground.	Blacksmiths.	Carpenters.	Hoisting.	Engineers.	Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.
10	45	1,117	17	5	13	55	9	15	12	80	10	10	19	12	32	689	968	2,085	
51	99	1,509	12	8	4	3	6	17	11	4	5	5	5	5	21	33	118	1,627	
22	18	627	15	13	11	42	7	20	11	101	13	1	11	8	21	558	835	1,462	
269	960	4,656	34	18	48	5	16	12	18	291	12	5	32	23	61	333	907	5,563	
117	315	2,101	15	8	14	21	12	6	5	57	6	1	4	7	21	125	302	2,403	
305	732	3,623	35	21	41	5	58	14	15	147	6	3	7	22	21	217	609	4,232	
109	274	1,688	27	15	24	1	33	6	11	93	7	1	10	9	22	84	346	2,034	
136	365	2,337	28	5	40	5	26	13	5	132	10	1	8	27	24	136	459	2,796	
121	306	2,330	36	20	40	25	35	31	36	235	12	3	23	21	19	922	1,488	3,818	
576	1,248	5,290	43	35	57	19	55	21	68	372	12	3	30	17	86	683	1,505	6,795	
186	497	3,248	24	36	32	9	41	21	16	134	9	5	22	12	31	413	805	4,053	
95	199	1,190	15	15	33	14	17	11	9	158	8	3	7	9	19	184	495	1,685	
1,997	5,058	29,716	301	191	361	205	312	176	213	1,804	110	30	178	175	411	4,377	8,837	38,553	

TABLE 17—OUTPUT OF SHIPPING MINES BY MONTHS—1932-1937.

Month.	1932	1933	1934	1935	1936	1937
January.....	3,838,402	3,335,862	4,106,319	4,779,807	5,195,718	5,305,782
February.....	4,179,951	3,549,192	3,917,258	4,315,606	5,338,183	5,391,588
March.....	5,983,823	3,145,171	4,234,877	4,818,273	3,730,409	6,488,787
April.....	363,773	2,078,449	2,342,935	1,904,042	3,015,473	1,968,898
May.....	526,696	2,036,464	2,112,730	2,430,891	2,349,044	2,085,197
June.....	603,344	2,059,674	2,125,718	2,913,961	2,592,448	2,490,421
July.....	754,864	2,383,220	2,274,176	1,860,593	2,935,184	2,737,338
August.....	1,676,136	2,791,977	2,755,409	2,292,631	3,258,442	3,007,656
September.....	2,404,392	2,888,181	3,129,010	2,758,627	3,553,350	4,076,821
October.....	3,338,466	3,657,337	3,622,931	4,566,074	4,787,407	4,685,330
November.....	3,623,977	3,611,034	3,501,698	3,968,945	4,742,935	4,560,609
December.....	4,108,575	3,854,116	4,442,466	4,799,964	5,736,994	5,263,649
Total.....	31,402,399	35,390,677	38,655,527	41,410,414	47,285,587	48,062,076

TABLE 18—NUMBER OF MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH—1932-1937.

Month.	1932		1933		1934		1935		1936		1937	
	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.
January.....	137	15	136	15	152	18	166	10	152	22	162	19
February.....	136	15	138	16	152	17	167	17	152	21	158	19
March.....	137	20	136	13	153	17	167	17	155	14	155	22
April.....	38	9	124	10	139	10	125	10	132	14	117	9
May.....	39	10	106	11	125	10	121	11	117	10	102	9
June.....	39	10	104	10	116	11	129	12	119	11	109	11
July.....	50	10	109	11	119	12	114	10	125	12	111	12
August.....	86	10	122	13	135	13	130	10	128	14	121	12
September.....	77	15	129	13	154	15	153	13	144	15	138	16
October.....	121	17	140	16	163	15	161	18	155	18	149	17
November.....	136	17	142	15	161	16	162	16	159	18	153	17
December.....	144	18	147	16	158	19	162	18	164	20	154	19
Total and average..	162	a 107	159	a 131	172	a 147	182	a 147	176	a 153	168	a 152

a Average.

TABLE 19.—SHIPPING MINES—NUMBER OPERATED, TONS PRODUCED, AVERAGE DAYS WORKED, AND NUMBER EMPLOYED IN 1936 AND 1937, AND GAIN OR LOSS BY COUNTIES.

County.	1937					1936					Gain (+) or loss (-).					Per cent of gain (+) or loss (-).				
	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines.	Tons.	Days.	Men.	Mines.	Tons.	Days.	Men.				
Bond	1	51,757	62	143	1	112,492	119	187		-60,735	-57	-44		-54.0	-47.9	-23.5				
Bureau	1	57,207	128	260	1	55,751	138	247		+1,456	+10	+13		+2.6	-7.2	+3.3				
Christian	6	4,743,398	170	469	6	4,488,242	180	2,407		+255,356	-10	-1		+5.7	-5.6	-4				
Clinton	3	264,413	149	487	4	303,013	126	653	-1	-38,600	+23	-166		-12.7	+18.3	-25.4				
Edgar	1	27,087	40	32																
Franklin	13	10,108,267	170	6,795	15	9,432,140	144	7,697		+676,127	+26	902		+7.2	+18.1	-11.7				
Fulton	13	2,976,168	155	1,084	14	2,414,701	161	1,086	-1	+501,467	-6	-2		+23.3	-3.7	-2				
Grundy	9	9,770	255	92	2	19,603	244	94		-9,833	-16	-5		-50.2	-39.0	-2.1				
Henry	2	622,255	239	306	2	580,719	244	270		+41,536	-5	+36		+7.2	+2.0	+13.3				
Jackson	2	1,599,078	181	738	2	1,767,308	215	709		+108,320	-34	+19		-9.5	-15.8	+6.9				
Knox	2	722,261	213	378	2	323,067	123	701		+398,294	+90	-23		+122.9	+15.3	-5.7				
LaSalle	5	399,532	156	593	4	317,371	183	537		+82,061	-27	+56		+25.9	-32.5	+10.4				
Macoupin	1	145,289	176	320	1	162,283	191	278		-16,994	-15	+42		-10.5	-7.9	+15.1				
Madison	10	3,515,265	187	3,407	10	4,249,803	210	3,465		-734,538	-24	58		-17.3	-10.9	-7.4				
Marion	2	1,295,392	150	1,486	6	1,472,041	178	1,570		-176,649	-12	-84		-12.0	-7.4	-5.4				
Montgomery	3	317,542	120	317	3	398,701	102	429		-81,159	-58	-24		-20.4	-32.6	-5.6				
Peoria	4	928,598	156	825	4	600,496	139	863		+328,102	+17	-40		+54.6	+12.2	+4.6				
Perry	15	1,112,036	135	1,104	15	1,316,173	185	1,103		-204,137	-47			-15.5	-25.8	+2.2				
Pittsburg	1	3,847,403	141	1,840	1	3,308,480	181	1,800		+448,983	+13	+40		+13.2	+10.2	+3.3				
Pittsburg	1	45,879	63	348	1	64,198	81	360		+18,319	-18	-12		-28.5	-22.3	-13.0				
Pittsburg	1	1,337,085	159	856	7	558,437	109	984	-1	+778,649	+50	-128		-14.3	+45.9	-13.0				
Randolph	11	3,460,130	151	3,985	12	3,670,516	153	3,915		-210,386	-2	-70		-6.7	-1.3	+7.4				
Saline	8	2,338,696	161	3,094	8	2,673,638	166	3,340		-334,942	-5	-246		-12.5	-3.0	+6.1				
Sangamon	20	2,009,708	142	2,309	20	2,280,493	158	2,359		-270,728	-16	-59		-11.9	-10.1	-2.1				
St. Clair	6	1,236,007	160	224	6	1,665,841	166	211		-39,834	-6	+13		-24.0	-3.6	+6.2				
Tazewell	5	1,883,472	141	2,051	5	1,976,645	176	2,122		-93,173	-35	71		-3.7	-19.9	+3.3				
Vermilion	3	311,004	147	364	3	320,525	163	328	+1	-9,321	-16	+36		-3.0	-0.8	+10.9				
Washington	3	33,557	155	68	1	23,040	110	82		+10,817	+45	-14		+16.9	+40.9	-17.1				
White	1	1,313,001	269	486	2	1,414,944	173	466		-96,903	+9	+20		-0.8	+55.5	+1.3				
Will	15	2,882,214	134	1,685	19	2,641,243	138	1,697		-259,029	-4	-12		-0.7	-2.9	-4.9				
Woodford	2	72,984	131	299	2	82,663	131	285		-9,679		+14		-11.7						
Total	168	48,062,076	152	38,553	176	47,285,587	153	40,011	-8	+776,489	-1	-1,458		+1.6	-7	-3.6				

TABLE 20—RELATIVE RANK OF COUNTIES, PRODUCING 500,000 TONS OR MORE, 1933 TO 1937 INCLUSIVE.

County.	1937		1936		1935		1934		1933	
	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.
Franklin.....	1	10,108,267	1	9,432,140	1	7,985,155	1	7,780,162	1	6,703,883
Christian.....	2	4,743,598	2	4,488,242	2	3,910,364	2	3,860,706	2	3,836,292
Perry.....	3	3,847,463	5	3,398,480	3	3,307,806	4	3,019,772	4	2,580,392
Macoupin.....	4	3,515,265	3	4,249,803	3	3,677,929	3	3,361,771	3	3,040,290
Saline.....	5	3,460,130	4	3,670,516	5	3,146,340	5	2,700,687	5	2,479,670
Fulton.....	6	2,976,168	8	2,414,701	10	1,926,313	10	1,526,408	13	994,505
Williamson.....	7	2,394,266	7	2,641,243	6	2,760,767	8	1,899,152	8	1,892,183
Sangamon.....	8	2,338,696	6	2,673,638	7	2,335,381	6	2,195,923	7	1,942,248
St. Clair.....	9	2,009,768	9	2,280,493	8	2,019,250	7	2,043,764	6	2,057,754
Vermilion.....	10	1,883,472	10	1,976,645	9	1,998,000	9	1,675,604	9	1,785,515
Jackson.....	11	1,599,078	11	1,767,398	12	1,271,128	11	1,479,068	10	1,179,090
Randolph.....	12	1,337,086	17	558,437	17	522,885	---	---	---	---
Wil.....	13	1,318,001	13	1,414,944	14	1,000,811	14	946,801	14	982,016
Madison.....	14	1,295,392	12	1,472,041	11	1,374,790	12	1,342,513	12	1,154,020
Peoria.....	15	1,112,036	14	1,316,173	13	1,222,500	13	1,253,164	11	1,158,579
Montgomery.....	16	928,598	15	600,496	16	540,929	16	549,671	15	659,084
Knox.....	17	722,261	---	---	---	---	---	---	---	---
Henry.....	18	622,255	16	580,719	15	559,346	15	559,617	16	642,262

TABLE 21—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED AND NUMBER EMPLOYED IN ALL SHIPPING MINES, AND ALSO IN STRIP MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1937.

Years.	All shipping mines.				Strip mines.				Percentage of strip mines.		
	Number of—		Average days worked.	Tons produced.	Number of—		Average days worked.	Tons produced.	Mines.	Men.	Tons.
	Mines.	Men.			Mines.	Men.					
1920.....	373	85,037	176	72,409,610	3	217	149	367,009	0.08	0.25	0.57
1921.....	389	92,080	174	78,339,082	3	242	183	437,006	0.08	0.26	0.56
1922.....	352	93,681	127	61,406,093	5	446	134	533,923	1.42	0.48	0.87
1923.....	374	99,081	146	73,410,837	6	412	180	895,608	1.60	0.42	1.22
1924.....	338	95,499	139	70,324,363	11	611	155	1,184,288	3.25	0.64	1.68
1925*.....	255	77,629	231	100,012,299	18	1,181	264	4,722,597	7.06	1.52	4.72
1926.....	244	73,497	155	67,836,441	16	1,203	176	3,482,611	6.56	1.64	5.13
1927.....	241	74,117	112	44,926,433	15	1,139	138	2,756,410	6.22	1.54	6.14
1928.....	206	61,154	152	54,284,184	14	1,149	206	4,113,908	6.80	1.88	7.58
1929.....	200	54,721	162	59,075,995	17	1,518	176	5,250,501	8.50	2.77	8.89
1930.....	185	51,215	145	51,996,608	15	1,519	181	6,220,336	8.11	2.97	11.96
1931.....	167	47,024	130	43,073,058	15	1,591	164	6,576,677	8.92	3.38	15.27
1932.....	162	44,078	107	31,402,399	17	1,769	163	6,628,228	10.50	4.00	21.11
1933.....	159	40,660	131	35,390,677	20	1,890	131	5,599,006	12.58	4.65	15.82
1934.....	172	40,943	147	38,655,527	26	2,042	134	6,008,218	15.12	4.99	15.54
1935.....	182	40,496	147	41,410,414	28	2,303	148	7,088,104	15.38	5.77	17.12
1936.....	176	40,011	153	47,285,587	30	2,838	141	8,873,229	17.04	7.00	18.76
1937.....	168	38,553	152	48,062,076	30	3,133	152	11,176,074	17.85	8.12	23.25

\* From July 1, 1924 to December 31, 1925.



TABLE 22—SHIPPING MINES DIVIDING WORKING TIME.

Name of operator.	County in which mine is located.	Employees.		Tons mined.	Days worked.
		Working.	On payroll.		
Beckemeyer Coal Co.	Clinton	110	118	93,504	184
Bell & Zoller Coal & Mining Co., No. 2.	Franklin	691	797	1,105,554	205
Bullock Mining Co.	Madison	61	63	31,039	98
Central Illinois Mining Co., "A"	Sangamon	315	319	205,415	132
Conant Coal Co.	Perry	13	17	13,173	159
Consolidated Coal Co., No. 7.	Macoupin	210	261	346,656	190
Consolidated Coal Co., No. 15.	Macoupin	415	506	496,108	133
Consolidated Coal Co., New Monarch.	Williamson	319	368	665,532	191
Franco Mining Corp., No. 1.	Williamson	296	335	297,984	175
Franklin County Coal Corp., No. 5.	Franklin	492	550	569,254	172
Gillespie Coal Co.	Macoupin	170	205	273,970	252
Groom Coal Co.	St. Clair	61	95	65,665	129
Gundlach Coal Co.	St. Clair	127	130	182,002	186
Hillsboro Coal Co.*	Montgomery	*139	*226	60,304	77
Hillsboro Mining Co.*	Montgomery	*90	*188	18,369	35
Indiana & Illinois Coal Corp., No. 10.	Montgomery	360	410	382,787	132
Ill-Mo Coal Co.	Randolph	25	30	22,875	180
Illinois-Pocahontas Coal Co.	Bond	96	143	51,757	62
Illinois Zinc Co., No. 3.	LaSalle	124	126	50,670	176
Lincoln Liquidating Co., Inc.*	Macoupin	*102	*125	2,283	5
Livingston-Mt. Olive Coal Co.	Madison	149	253	93,032	106
Lumaghi Coal Co., No. 2.	Madison	373	378	387,166	152
Madison County Coal & Mining Co.	Madison	147	167	180,860	228
Moffat Coal Co.	Randolph	212	338	297,730	183
Mt. Olive Coal Co.	Macoupin	129	151	138,152	182
Mt. Olive & Staunton Coal Co.	Madison	405	508	531,737	189
New Galum Coal Co.	Perry	13	29	25,040	149
Old Ben Coal Corp., No. 15.	Franklin	440	470	664,009	172
Pana Coal Co.	Christian	120	159	65,822	110
Peabody Coal Co., No. 24.	Vermilion	557	571	654,715	172
Peabody Coal Co., No. 53.	Sangamon	475	482	415,814	155
Peabody Coal Co., No. 57.	Sangamon	435	457	450,408	159
Peabody Coal Co., No. 59.	Sangamon	387	398	336,404	126
Perry Coal Co., Carbon	St. Clair	64	95	34,787	70
Perry Coal Co., St. Ellen.	St. Clair	275	351	379,369	227
Pyramid Coal Corp.	Perry	384	398	1,561,355	195
Rex Coal Co., No. 2.	Saline	323	350	450,313	192
Sahara Coal No. 3.	Saline	185	336	36,128	19
St. Louis Coal Co.	Randolph	182	219	216,257	139
St. Louis & O'Fallon Coal Co., No. 2.	St. Clair	180	372	276,974	230
Service Coal Co.	St. Clair	56	73	39,430	167
Seymour Coal Mining Co.	Williamson	283	303	316,102	148
Southern Coal, Coke & Mining Co., No. 7.	St. Clair	113	141	186,603	228
Southern Coal, Coke & Mining Co., No. 9.	Clinton	206	245	81,694	83
Southern Illinois Coal Co., No. 21.	Franklin	129	184	116,221	161
Spring Valley Coal Mining Co.	Bureau	237	260	57,207	128
Superior Coal Co., No. 1.	Macoupin	303	390	354,389	169
Superior Coal Co., No. 2.	Macoupin	293	385	432,831	181
Superior Coal Co., No. 3.	Macoupin	263	396	614,987	246
Superior Coal Co., No. 4.	Macoupin	602	955	761,786	225
Truax-Traer Coal Co., No. 2.	Jackson	143	145	565,222	152
United States Fuel Co., Bun.	Vermilion	965	1,326	1,013,114	201
Virden Coal Co.*	Macoupin	*91	*125	80,279	181
Wasson Coal Co., No. 1.	Saline	237	325	385,832	229
Will County Coal Co.	Grundy	42	62	5,258	14
Total—1937, 53 mines.		13,403	16,477	17,131,988	a 161
Total—1936, 44 mines.		12,072	14,955	15,654,867	a 180

a Average.

\* Employees averaged account different management same mine.

TABLE 23—GRADED OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT, WITH DISTRICT TOTALS,  
AND LOCAL MINES FOR THE STATE.

County.	Classification of output of mines in tons.										
	Lamp.	Furnace.	Small egg.	Stove.	Chestnut.	Pea coal.	Carbon.	Screen- ings.	Mine run.	Waste and loss in preparing and coal unbilled or stored.	Total.
First District totals.....	325,138	230,632	189,282	82,778	122,832	23,484	133,490	990,978	327,818	26,212	2,452,644
Bureau.....	26,623	7,103	10,642	-----	-----	1,519	302	10,915	-----	103	57,207
Grundy.....	1,676	1,096	1,567	-----	-----	-----	-----	5,141	290	-----	9,770
Henry.....	74,204	18,740	12,962	24,713	6,510	-----	13,513	311,204	124,561	5,758	622,255
LaSalle.....	116,949	41,218	6,922	46,819	13,368	-----	2,858	122,475	44,410	4,513	399,532
Putnam.....	9,552	18,306	-----	6,268	-----	-----	216	7,967	-----	3,480	45,879
Will.....	96,044	144,079	157,189	4,978	102,954	21,965	116,601	503,276	158,557	12,358	1,318,001
Second District totals.....	212,424	114,132	10,724	5,920	868	6,780	434	214,793	743,010	1,942	1,311,027
Peoria.....	131,453	94,392	2,213	3,710	-----	1,200	434	159,066	718,700	838	1,112,036
Tazewell.....	43,120	10,153	-----	2,210	868	4,217	-----	51,538	12,832	1,069	126,007
Woodford.....	37,851	9,587	8,511	-----	-----	1,363	-----	4,159	11,478	35	72,984
Third District totals.....	234,422	601,314	746,249	276,533	28,426	150,728	48,187	1,230,604	207,279	174,087	*3,698,429
Fulton.....	210,217	498,448	685,371	250,189	28,021	150,148	46,215	933,199	101,871	72,489	2,976,168
Knox.....	24,205	102,866	60,878	26,344	405	580	1,972	297,405	105,408	102,198	*722,261
Fourth District totals.....	884,821	1,622,170	693,349	182,453	166,874	16,275	16,491	2,969,779	509,559	20,523	7,082,294
Christian.....	455,739	1,288,251	482,075	3,487	166	734	56	2,106,950	401,774	4,366	4,743,598
Sangamon.....	429,082	333,919	211,274	178,966	166,708	15,541	16,435	862,829	107,785	16,157	2,338,696
Fifth District totals.....	219,568	308,425	161,732	2,206	7,474	-----	-----	566,568	741,691	45,184	2,055,848
Edgar.....	1,694	3,186	10,258	-----	-----	-----	-----	11,612	337	-----	27,087
Macon.....	73,137	21,353	8,589	-----	7,474	-----	-----	33,738	-----	978	145,289
Vermilion.....	144,737	283,886	143,855	2,206	-----	-----	-----	521,198	741,354	44,206	1,883,472

Sixth District totals.....	2, 127, 077	405, 074	141, 880	42, 836	32, 615	46, 702	83, 307	1, 055, 898	414, 341	94, 163	4, 443, 863
Macoupin.....	1, 949, 306	230, 338	9, 669	42, 836	32, 615	46, 619	83, 307	672, 352	374, 781	73, 442	3, 515, 265
Montgomery.....	177, 771	174, 736	132, 211	-----	-----	83	-----	383, 516	39, 560	20, 721	928, 398
Seventh District totals.....	252, 875	313, 789	188, 371	96, 730	26, 342	50, 180	59, 419	581, 850	56, 848	38, 287	1, 654, 691
Bond.....	13, 512	17, 499	-----	-----	-----	-----	-----	20, 250	-----	487	51, 757
Madison.....	194, 187	244, 039	150, 612	94, 637	26, 342	50, 180	59, 419	443, 931	9, 060	22, 985	1, 205, 392
Marion.....	45, 176	52, 251	37, 759	2, 093	-----	-----	-----	117, 690	47, 788	14, 815	171, 542
Eighth District totals.....	423, 590	386, 918	123, 658	100, 623	8, 465	29, 484	2, 411	776, 629	290, 306	72, 097	2, 274, 181
Clinton.....	79, 020	25, 134	14, 663	14, 358	-----	906	-----	100, 122	8, 906	12, 124	264, 413
St. Clair.....	344, 570	361, 784	108, 995	146, 265	8, 465	28, 488	2, 411	667, 507	281, 310	59, 973	2, 009, 768
Ninth District totals.....	698, 817	870, 692	1, 055, 031	185, 475	57, 721	52, 876	80, 446	2, 340, 000	1, 396, 817	347, 756	7, 094, 631
Jackson.....	150, 378	221, 620	226, 178	53, 304	13, 017	12, 831	12, 818	756, 324	114, 949	27, 659	1, 599, 078
Perry.....	445, 220	437, 129	627, 504	94, 456	30, 969	27, 896	27, 992	1, 138, 631	817, 673	199, 993	3, 847, 463
Randolph.....	75, 669	195, 729	201, 349	34, 240	13, 735	11, 683	39, 636	372, 661	272, 411	110, 973	1, 337, 086
Washington.....	27, 550	16, 214	-----	3, 475	-----	466	-----	71, 384	191, 784	131	311, 004
Tenth District totals.....	1, 130, 140	1, 727, 599	922, 166	493, 004	240, 778	77, 286	1, 201, 281	3, 782, 160	220, 924	312, 929	10, 108, 267
Franklin.....	1, 130, 140	1, 727, 599	922, 166	493, 004	240, 778	77, 286	1, 201, 281	3, 782, 160	220, 924	312, 929	10, 108, 267
Eleventh District totals.....	302, 475	600, 636	498, 152	178, 933	80, 027	43, 533	127, 280	1, 239, 576	271, 310	152, 045	3, 493, 987
Saline.....	296, 168	596, 910	498, 152	174, 286	80, 027	43, 533	127, 280	1, 223, 917	269, 370	150, 487	3, 400, 130
White.....	6, 307	3, 726	-----	4, 647	-----	-----	-----	15, 659	1, 940	1, 558	39, 857
Twelfth District totals.....	194, 734	326, 108	268, 933	96, 336	22, 152	14, 159	159, 678	942, 137	326, 095	31, 882	2, 382, 214
Williamson.....	194, 734	326, 108	268, 933	96, 336	22, 152	14, 159	159, 678	942, 137	326, 095	31, 882	2, 382, 214
Shipping Mines.....	7, 006, 081	7, 507, 489	5, 002, 527	1, 803, 847	794, 574	511, 487	1, 912, 424	16, 699, 942	5, 505, 998	1, 317, 707	48, 062, 076
Local mines.....	-----	-----	-----	-----	-----	-----	-----	-----	4, 272, 570	97, 009	4, 370, 179
The State.....	7, 006, 081	7, 507, 489	5, 002, 527	1, 803, 847	794, 574	511, 487	1, 912, 424	16, 699, 942	9, 778, 568	1, 415, 316	52, 432, 255

\* This total includes classification of one mine as follows: Small egg and stove, 4,684 tons; small egg, stove and furnace egg, 51,631; small egg, stove, chestnut, pea, carbon and pea, 13,308 tons; stove, chestnut, pea and carbon, 18,777 tons; small egg, stove, chestnut, pea and furnace egg, 2,404 tons; pea and carbon, 2,220 tons and small egg, stove, chestnut and furnace egg, 6,373 tons.

TABLE 24—DISPOSITION OF OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT WITH DISTRICT TOTALS AND LOCAL MINES FOR THE STATE.

County.	Disposition of output in tons.							Tons disposed of locally.	Percentage of tons handled.	
	Total tons mined.	Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.		By railroads.	Locally.
First District totals.....	2,452,644	1,441,961	448,045	496	515,271	22,560	24,311	1,890,502	77.1	22.9
Bureau.....	57,207	7,184	-----	-----	45,379	4,042	602	7,184	12.6	87.4
Grundy.....	9,770	3,407	-----	-----	6,363	-----	-----	3,407	31.9	68.1
Harrison.....	622,255	378,513	-----	-----	46,629	-----	-----	563,360	90.5	9.5
LoSalle.....	399,532	154,082	184,817	-----	240,222	3,019	2,113	154,178	38.6	61.4
Madison.....	455,879	24,573	688	496	15,394	1,248	3,480	25,757	56.1	43.9
Will.....	1,318,001	874,172	262,444	-----	161,284	7,743	12,358	1,136,616	86.2	13.8
Second District totals.....	1,311,027	80,107	1,015,479	-----	207,696	5,838	1,907	1,095,586	83.6	16.4
Peoria.....	1,112,036	48,873	987,945	-----	73,271	1,109	838	1,036,818	93.2	6.8
Tazewell.....	126,007	16,479	27,534	-----	80,625	300	1,069	44,013	34.9	65.1
Woodford.....	72,984	14,755	-----	-----	53,800	4,429	-----	14,755	20.2	79.8
Third District totals.....	3,698,429	2,264,216	1,221,076	-----	121,758	15,768	75,611	3,485,292	94.2	5.8
Fullon.....	2,976,168	1,865,247	940,023	-----	83,222	15,040	72,636	2,805,270	94.3	5.7
Knox.....	722,261	398,969	281,053	-----	38,536	728	2,975	680,022	94.2	5.8
Fourth District totals.....	7,082,294	5,440,195	1,048,077	12,492	528,273	38,099	15,158	6,500,764	91.8	8.2
Christian.....	4,743,598	4,051,068	528,618	11,904	128,227	19,415	4,366	4,591,590	96.8	3.2
Saugamon.....	2,338,696	1,389,127	519,459	588	400,046	18,681	10,792	1,909,174	81.6	18.4
Fifth District totals.....	2,035,848	1,034,280	715,382	2,330	243,537	13,056	47,063	1,752,192	85.2	14.8
Edgar.....	27,087	17,290	9,490	-----	337	-----	-----	26,750	98.8	1.2
Macoupin.....	145,289	13,511	-----	-----	127,445	3,315	978	13,541	9.3	90.7
Vermilion.....	1,883,472	1,003,479	706,092	2,330	115,745	9,741	46,085	1,711,901	90.8	9.2

Sixth District totals.....	4,443,863	1,088,422	2,908,335	18,741	202,195	131,400	94,770	4,015,498	428,365	90.4	9.6
Macoupin.....	3,515,265	502,991	2,658,184	18,741	154,365	107,928	73,056	3,179,916	335,349	90.5	9.5
Montgomery.....	928,598	585,431	250,151	-----	47,830	23,472	21,714	835,582	93,016	90.0	10.0
Seventh District totals.....	1,664,691	1,066,265	147,433	-----	351,083	60,511	38,719	1,213,778	450,913	72.9	27.1
Bond.....	51,757	25,052	6,578	-----	17,967	1,673	487	31,630	20,127	61.1	38.9
Madison.....	1,295,392	887,675	81,328	-----	257,654	42,318	23,417	972,003	323,389	75.0	25.0
Marion.....	317,512	153,568	56,577	-----	76,062	16,520	11,815	210,145	107,397	66.2	33.8
Eighth District totals.....	2,274,181	869,032	304,989	17,785	987,066	48,538	46,771	1,191,806	1,082,375	52.4	47.6
Clinton.....	254,413	92,000	299	-----	155,079	12,948	4,087	92,299	172,114	34.9	65.1
St. Clair.....	2,009,768	777,032	304,690	17,785	831,987	35,590	42,684	1,099,507	910,261	54.7	45.3
Ninth District totals.....	7,094,631	3,753,604	2,317,322	45,312	523,124	70,466	384,713	6,116,328	978,303	86.2	13.8
Jackson.....	1,599,078	1,205,193	357,984	-----	3,215	1,466	31,280	1,563,177	35,901	97.8	2.2
Perry.....	3,847,403	1,803,956	1,330,354	-----	420,996	36,522	231,663	3,158,282	689,181	82.1	17.9
Randolph.....	1,337,086	659,625	484,189	25,972	55,098	16,535	121,639	1,143,814	193,272	85.5	14.5
Washington.....	311,004	84,920	144,795	21,340	43,815	16,003	131	251,055	59,949	80.7	19.3
Tenth District totals.....	10,108,267	6,737,182	2,808,578	-----	100,992	124,063	337,452	9,545,760	562,507	94.4	5.6
Franklin.....	10,108,267	6,737,182	2,808,578	-----	100,992	124,063	337,452	9,545,760	562,507	94.4	5.6
Eleventh District totals.....	3,493,987	2,530,777	703,312	-----	63,475	59,191	137,232	3,234,089	259,808	92.6	7.4
Saline.....	3,490,130	2,514,156	703,312	-----	52,307	54,681	135,674	3,217,468	242,662	93.0	7.0
White.....	33,857	16,621	-----	-----	11,168	4,510	1,558	16,621	17,236	19.1	50.9
Twelfth District totals.....	2,382,214	1,624,776	653,138	-----	20,972	41,217	39,111	2,277,914	104,300	95.6	4.4
Williamson.....	2,382,214	1,624,776	653,138	-----	20,972	41,217	39,111	2,277,914	104,300	95.6	4.4
Shipping mines.....	18,062,076	27,930,637	14,291,416	97,156	3,866,042	633,707	1,242,818	42,319,509	5,742,076	88.1	11.9
Local mines.....	4,370,179	-----	-----	-----	4,073,775	198,795	97,609	-----	4,370,179	-----	100.0
The State.....	52,432,255	27,930,937	14,291,416	97,156	7,939,817	832,562	1,340,427	42,319,509	10,112,746	80.7	19.3

TABLE 25—TONS MINED FOR THE YEARS 1928 TO 1937 INCLUSIVE, ARRANGED BY DISTRICTS AND BY COUNTIES,  
ALPHABETICALLY WITHIN EACH DISTRICT.

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Bureau County.....	5,009	8,175	13,324	10,973	16,632	18,268	31,851	59,688	68,017	70,527
Shipping mines.....		3,019	6,084					42,139	55,751	57,207
Local mines.....	5,009	5,156	7,240	10,973	16,632	18,268	31,851	17,559	12,266	13,320
Grundy County.....	459,876	410,442	101,776	32,564	68,791	127,167	138,455	130,907	162,388	169,528
Shipping mines.....	433,266	380,353	73,046						19,603	9,770
Local mines.....	26,610	30,089	28,730	32,564	68,791	127,167	138,455	130,907	142,785	159,758
Henry County.....	34,269	86,263	504,761	775,956	745,982	744,313	664,558	682,502	607,565	728,938
Shipping mines.....		48,600	442,822	696,554	655,055	642,262	559,617	559,346	580,719	622,255
Local mines.....	34,269	37,663	62,439	79,402	90,927	102,051	105,241	123,156	116,846	106,683
Kankakee County.....			800							
Shipping mines.....										
Local mines.....			800							
LaSalle County.....	418,298	548,257	326,341	316,035	356,879	352,735	324,465	437,541	583,659	476,729
Shipping mines.....	206,557	334,773	155,795	170,324	132,155	198,290	189,807	247,263	317,371	399,532
Local mines.....	211,741	213,484	170,546	145,711	224,724	154,445	134,658	190,278	266,288	77,197
Livingston County.....	27,804	26,638	24,351	23,830	31,970	29,569	25,724	21,564	17,133	16,153
Shipping mines.....										
Local mines.....	27,804	26,638	24,351	23,830	31,970	29,569	25,724	21,564	17,133	16,153
Mercer County.....	30,159	27,936	23,744	21,796	32,403	41,154	40,354	34,294	36,946	27,925
Shipping mines.....										
Local mines.....	30,159	27,936	23,744	21,796	32,403	41,154	40,354	34,294	36,946	27,925
Putnam County.....			2,873	13,387	104,555	68,953	80,913	81,124	64,198	45,879
Shipping mines.....										
Local mines.....			2,873	13,387	104,555	68,953	80,913	81,124	64,198	45,879

Rock Island County	21,732	18,070	17,345	34,774	47,775	67,887	78,208	74,226	62,137	45,261
Shipping mines										
Local mines	21,732	18,070	17,345	34,774	47,775	67,887	78,208	74,226	62,137	45,261
Will County	234,920	701,280	865,666	988,500	976,178	982,016	908,951	1,008,581	1,483,026	1,303,077
Shipping mines	226,368	701,280	865,666	988,500	976,178	982,016	946,801	1,000,811	1,414,944	1,318,001
Local mines	8,552						22,130	67,770	68,082	75,076
First District totals	1,232,067	1,827,661	1,880,981	2,217,815	2,381,165	2,432,062	2,353,809	2,590,427	3,175,069	2,974,017
Shipping mines	806,191	1,408,025	1,512,913	1,808,705	1,807,943	1,891,521	1,777,138	1,930,673	2,452,886	2,452,644
Local mines	365,876	359,636	338,068	349,050	513,222	540,541	576,751	659,754	722,183	521,373
Marshall County	19,693	13,205	7,796	6,128	11,640	13,623	12,722	12,046	10,391	11,200
Shipping mines										
Local mines	19,693	13,205	7,796	6,128	11,640	13,623	12,722	12,046	10,391	11,200
McLean County	8,951									
Shipping mines										
Local mines	8,951									
Peoria County	1,505,782	1,636,097	967,745	1,214,567	749,358	1,443,261	1,536,550	1,532,648	1,052,228	1,485,717
Shipping mines	1,289,061	1,294,065	755,067	1,030,832	512,250	1,158,579	1,253,164	1,222,500	1,316,173	1,112,036
Local mines	216,691	342,632	192,678	183,735	236,108	284,682	283,386	310,148	336,055	373,681
Stark County	8,512	12,197	14,051	8,754	12,082	15,801	20,842	18,180	19,235	20,783
Shipping mines										
Local mines	8,512	12,197	14,051	8,754	12,082	15,801	20,842	18,180	19,235	20,783
Tazewell County	577,202	509,480	437,791	343,221	395,611	325,668	328,142	286,822	303,069	282,621
Shipping mines	512,109	422,047	337,662	251,344	273,604	219,069	212,515	140,819	165,841	126,007
Local mines	65,153	86,833	100,129	91,877	121,947	106,599	115,627	146,003	137,228	156,614
Woodford County	68,640	61,335	68,925	48,447	67,387	98,082	103,200	96,727	82,063	72,984
Shipping mines										
Local mines	68,640	61,335	68,925	48,447	67,387	98,082	103,200	96,727	82,063	72,984
Second District totals	2,188,840	2,235,914	1,496,308	1,621,117	1,235,078	1,896,435	2,001,516	1,946,423	2,068,126	1,873,305
Shipping mines	1,809,840	1,781,047	1,181,654	1,330,623	833,301	1,475,730	1,508,939	1,460,046	1,564,677	1,311,027
Local mines	319,000	454,867	314,654	290,494	381,777	420,705	432,577	486,377	503,449	562,278



TABLE 23.—Continued

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Adams County.....	68							64	412	112
Shipping mines.....										
Local mines.....	68							64	412	112
Brown County.....										
Shipping mines.....										
Local mines.....										
Fulton County.....										
Shipping mines.....	1,708,405	1,729,145	1,634,772	1,398,943	1,385,613	1,312,989	1,693,249	2,169,839	2,731,397	3,334,320
Local mines.....	1,532,373	1,558,217	1,474,002	1,229,481	1,116,524	994,505	1,526,408	1,926,313	2,414,701	2,976,168
Shipping mines.....	176,032	170,928	160,770	169,512	269,089	318,484	166,841	243,526	316,696	338,152
Hancock County.....										
Shipping mines.....	6,076	5,941	3,836	3,135	4,783	3,928	2,748	5,279	3,287	2,516
Local mines.....										
Knox County.....										
Shipping mines.....	6,076	5,941	3,836	3,135	4,783	3,928	2,748	5,279	3,287	2,516
Local mines.....										
Knox County.....										
Shipping mines.....	145,466	217,886	341,889	340,797	296,538	417,607	387,562	384,269	426,113	863,175
Local mines.....	123,024	191,821	294,517	290,581	238,722	295,536	311,751	289,580	323,997	722,261
Shipping mines.....	22,442	26,065	47,372	50,216	57,816	122,071	75,811	94,689	102,116	140,914
McDonough County.....										
Shipping mines.....	11,185	9,054	8,867	11,836	27,357	14,775	10,072	8,062	10,628	6,482
Local mines.....										
Schuyler County.....										
Shipping mines.....	11,185	9,054	8,867	11,836	27,357	14,775	10,072	8,062	10,628	6,482
Local mines.....										
Schuyler County.....										
Shipping mines.....	23,871	23,189	25,864	35,568	34,037	32,811	50,897	72,514	84,731	73,673
Local mines.....										
Warren County.....										
Shipping mines.....	23,871	23,189	25,864	35,568	34,037	32,811	50,897	72,514	84,731	73,673
Local mines.....										
Warren County.....										
Shipping mines.....	9,359	5,297	5,482	4,672	6,977	7,791	8,677	7,483	8,792	10,418
Local mines.....										
Third District totals.....										
Shipping mines.....	9,359	5,297	5,482	4,672	6,977	7,791	8,677	7,483	8,792	10,418
Local mines.....										
Third District totals.....	1,904,430	1,990,512	2,090,710	1,795,001	1,755,305	1,789,901	2,156,321	2,649,508	3,266,729	4,311,724
Shipping mines.....	1,655,397	1,750,038	1,768,519	1,520,062	1,355,246	1,290,041	1,838,159	2,215,893	2,738,698	3,698,429
Local mines.....	249,033	240,474	252,191	274,939	400,059	499,860	318,162	433,615	528,031	613,295



Cass County	886	500	755	1,240	812	1,758	2,259	325	915
Shipping mines									
Local mines	886	500	755	1,240	812	1,758	2,259	325	915
Christian County	3,604, 472	3,655, 022	3,635, 976	1,844, 735	3,840, 792	3,806, 706	3,914, 908	4,489, 711	4,759, 298
Shipping mines									
Local mines	3,604, 472	3,655, 022	3,635, 976	1,835, 286	3,836, 292	3,806, 706	3,910, 364	4,488, 242	4,743, 508
				6, 378	4, 500	6, 000	4, 544	1, 469	15, 700
Loan County	146, 473	137, 234	130, 350	94, 504	28, 122				2, 969
Shipping mines									
Local mines	146, 473	137, 234	130, 350	94, 504	28, 122				
Menard County	80, 547	83, 445	99, 573	96, 007	79, 354	105, 972	136, 184	134, 759	143, 619
Shipping mines									
Local mines	80, 547	83, 445	99, 573	96, 007	79, 354	105, 972	136, 184	134, 759	143, 619
Morgan County	1, 729	720	300	2, 253	2, 175	765	517	500	1, 092
Shipping mines									
Local mines	1, 729	720	300	2, 253	2, 175	765	517	500	1, 092
Pike County	943	500		2, 160					
Shipping mines									
Local mines	943	500		2, 160					
Sangamon County	3, 739, 423	4, 275, 675	3, 700, 419	1, 821, 826	2, 081, 211	2, 343, 288	2, 518, 608	2, 870, 951	2, 594, 104
Shipping mines									
Local mines	3, 644, 832	4, 160, 197	3, 577, 046	1, 607, 479	1, 942, 248	2, 195, 923	2, 335, 381	2, 673, 638	2, 338, 696
	94, 591	115, 478	123, 373	154, 347	138, 963	147, 365	183, 227	197, 316	255, 408
Scott County	2, 113	2, 929	1, 408	4, 492	1, 317	4, 955	5, 382	3, 345	2, 119
Shipping mines									
Local mines	2, 113	2, 929	1, 408	4, 492	1, 317	4, 955	5, 382	3, 345	2, 119
Fourth District totals	7, 576, 586	8, 156, 025	7, 568, 781	3, 807, 217	6, 033, 783	6, 323, 444	6, 577, 838	7, 499, 594	7, 504, 146
Shipping mines									
Local mines	7, 352, 777	7, 932, 453	7, 343, 372	3, 597, 209	5, 806, 062	6, 056, 029	6, 245, 745	7, 161, 880	7, 082, 294
	180, 809	203, 572	225, 409	209, 948	227, 714	296, 815	332, 113	337, 714	421, 832
Edgar County	31, 534	10, 243	9, 806	18, 266	19, 299	24, 290	36, 905	34, 463	63, 575
Shipping mines									
Local mines	24, 345	3, 100		18, 266	19, 299	24, 290	36, 905	34, 463	27, 087
	7, 189	7, 143	9, 896						36, 488

TABLE 25—Continued.

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Macon County.....	127, 208	130, 159	99, 671	82, 274	77, 938	146, 323	164, 401	174, 859	162, 283	145, 289
Shipping mines.....	127, 208	130, 159	99, 671	82, 274	77, 938	146, 323	164, 401	174, 859	162, 283	145, 289
Local mines.....										
Vermilion County.....	3, 353, 548	3, 053, 187	2, 630, 924	2, 540, 023	1, 928, 377	2, 064, 328	1, 945, 425	2, 000, 873	2, 328, 726	2, 274, 403
Shipping mines.....	3, 062, 164	2, 758, 074	2, 668, 583	2, 316, 847	1, 674, 828	1, 932, 038	1, 340, 005	1, 675, 250	1, 976, 645	1, 883, 472
Local mines.....	291, 384	295, 113	262, 341	223, 176	253, 549	278, 813	269, 821	325, 623	352, 081	390, 931
Fifth District totals.....	3, 512, 290	3, 193, 589	3, 040, 491	2, 631, 725	2, 024, 581	2, 230, 150	2, 134, 116	2, 212, 637	2, 525, 472	2, 483, 297
Shipping mines.....	3, 213, 717	2, 891, 333	2, 758, 254	2, 390, 121	1, 674, 828	1, 932, 038	1, 840, 005	1, 830, 109	2, 138, 928	2, 055, 848
Local mines.....	298, 573	302, 256	272, 237	232, 604	349, 753	298, 112	294, 111	362, 528	386, 544	427, 419
Greene County.....	6, 382	765	7, 933	17, 756	24, 442	21, 496	15, 322	16, 238	16, 705	8, 912
Shipping mines.....	6, 382	765	7, 933	17, 756	24, 442	21, 496	15, 322	16, 238	16, 705	8, 912
Local mines.....										
Jersey County.....			600	2, 086	1, 901	1, 747	2, 380	1, 124	1, 056	1, 001
Shipping mines.....			600	2, 086	1, 901	1, 747	2, 380	1, 124	1, 056	1, 001
Local mines.....										
Macoupin County.....	4, 639, 228	5, 075, 087	4, 646, 527	3, 992, 552	1, 938, 522	3, 048, 648	3, 372, 601	3, 686, 810	4, 256, 966	3, 520, 886
Shipping mines.....	6, 633, 435	5, 069, 571	4, 639, 721	3, 984, 432	1, 930, 406	3, 040, 290	3, 361, 771	3, 677, 929	4, 249, 803	3, 515, 255
Local mines.....	5, 793	5, 516	6, 806	8, 120	8, 116	8, 358	10, 830	8, 881	7, 163	5, 621
Montgomery County.....	1, 411, 345	1, 866, 886	1, 599, 246	1, 255, 432	626, 674	659, 084	549, 671	540, 929	600, 496	928, 598
Shipping mines.....	1, 411, 345	1, 866, 886	1, 599, 246	1, 255, 432	626, 674	659, 084	549, 671	540, 929	600, 496	928, 598
Local mines.....										
Shelby County.....	32, 664	43, 296	50, 100	37, 372	53, 637	18, 246	30, 213	27, 073	19, 324	12, 205
Shipping mines.....	28, 909	37, 906	36, 513	23, 507	37, 333	18, 246	10, 362	7, 179	19, 324	12, 205
Local mines.....	4, 755	5, 390	13, 587	13, 865	16, 324		19, 851	19, 894		
Sixth District totals.....	6, 089, 619	6, 986, 034	6, 304, 406	5, 305, 198	2, 645, 196	3, 749, 221	3, 970, 857	4, 272, 174	4, 894, 547	4, 471, 602
Shipping Mines.....	6, 072, 689	6, 974, 363	6, 275, 480	5, 293, 371	2, 594, 413	3, 693, 374	3, 912, 804	4, 226, 037	4, 850, 290	4, 443, 863
Local mines.....	16, 930	11, 671	28, 926	41, 827	50, 783	49, 847	48, 583	46, 137	44, 248	27, 739

Bond County.....	114, 853	205, 688	130, 825	52, 018	36, 649	28, 612	84, 355	112, 492	51, 757
Shipping mines.....	114, 853	205, 688	130, 825	52, 018	36, 649	28, 612	84, 355	112, 492	51, 757
Local mines.....									
Crawford County.....			3, 500	3, 500			5, 078	3, 479	1, 436
Shipping mines.....									
Local mines.....			3, 500	3, 500			5, 078	3, 479	1, 436
Jasper County.....						125	525	450	555
Shipping mines.....									
Local mines.....						125	525	450	555
Madison County.....	2, 274, 787	2, 749, 319	2, 229, 592	1, 157, 124	990, 250	1, 329, 026	1, 616, 665	1, 887, 716	1, 658, 632
Shipping mines.....	2, 293, 612	2, 687, 808	2, 163, 121	1, 093, 312	909, 595	1, 154, 020	1, 374, 790	1, 472, 041	1, 295, 392
Local mines.....	71, 175	61, 511	66, 471	68, 812	80, 655	175, 006	322, 544	365, 675	363, 240
Marion County.....	550, 177	587, 703	376, 799	360, 576	373, 945	395, 255	292, 762	398, 701	317, 542
Shipping mines.....	550, 177	587, 703	376, 799	360, 576	373, 945	395, 255	292, 762	398, 701	317, 542
Local mines.....									
Richland County.....							35		
Shipping mines.....									
Local mines.....									
Seventh District totals.....	2, 939, 817	3, 492, 710	2, 740, 716	1, 573, 218	1, 400, 744	1, 724, 406	1, 943, 932	2, 129, 448	2, 029, 922
Shipping mines.....	2, 898, 642	3, 431, 199	2, 670, 745	1, 505, 906	1, 320, 089	1, 549, 275	1, 663, 887	1, 801, 301	1, 694, 691
Local mines.....	71, 175	61, 511	69, 971	67, 312	80, 655	175, 131	280, 045	328, 147	305, 231
Clinton County.....	508, 112	542, 843	364, 767	183, 507	92, 895	212, 224	284, 250	243, 418	264, 413
Shipping mines.....	508, 112	542, 843	364, 767	183, 507	92, 895	212, 224	284, 250	243, 418	264, 413
Local mines.....									
Monroe County.....	77				4, 232	505	444	602	300
Shipping mines.....									
Local mines.....	77				4, 232	505	444	602	300
St. Clair County.....	2, 955, 266	2, 803, 441	2, 447, 784	2, 778, 643	2, 166, 309	2, 431, 681	2, 508, 219	2, 496, 287	2, 697, 626
Shipping mines.....	2, 754, 277	2, 587, 572	2, 142, 740	2, 430, 146	1, 812, 940	2, 057, 751	2, 043, 764	2, 019, 250	2, 009, 768
Local mines.....	200, 989	215, 869	305, 044	348, 497	353, 369	373, 927	464, 455	477, 037	687, 858



Tenth District totals	14, 078, 923	14, 819, 448	11, 997, 347	9, 531, 560	7, 064, 359	6, 703, 883	7, 780, 703	8, 986, 112	9, 432, 560	10, 108, 647
Shipping mines	14, 078, 923	14, 819, 448	11, 997, 347	9, 531, 560	7, 064, 359	6, 703, 883	7, 780, 162	7, 985, 155	9, 432, 140	10, 108, 267
Local mines							541	957	420	380
Gallatin County	26, 858	23, 623	21, 604	29, 152	25, 239	37, 362	33, 656	49, 281	49, 665	34, 003
Shipping mines	9, 181	9, 348	2, 350							
Local mines	17, 677	14, 275	19, 314	29, 152	25, 239	37, 362	33, 656	49, 281	49, 665	34, 003
Pope County	100	100	150	250	50	250	200	179	117	47
Shipping mines										
Local mines	100	100	150	250	50	250	200	179	117	47
Saline County	3, 671, 157	4, 132, 043	3, 670, 144	2, 973, 465	2, 429, 707	2, 502, 688	2, 734, 233	3, 179, 930	3, 710, 074	3, 497, 557
Shipping mines	3, 653, 026	4, 120, 143	3, 655, 452	2, 957, 019	2, 401, 303	2, 479, 670	2, 700, 687	3, 146, 340	3, 670, 516	3, 460, 130
Local mines	18, 131	11, 900	14, 692	16, 446	28, 404	23, 018	33, 546	33, 590	39, 558	37, 427
Wabash County	4, 552	6, 292	6, 602	6, 608	10, 117	13, 370	14, 212	15, 969	12, 440	9, 419
Shipping mines										
Local mines	4, 552	6, 292	6, 602	6, 608	10, 117	13, 370	14, 212	15, 969	12, 440	9, 419
White County	57, 558	34, 841	25, 423	8, 608	27, 747	26, 483	31, 006	52, 489	23, 040	33, 857
Shipping mines	57, 558	34, 841	25, 423	8, 608	27, 747	26, 483	31, 006	52, 489	23, 040	33, 857
Local mines										
Eleventh District totals	3, 760, 225	4, 196, 839	3, 723, 983	3, 018, 083	2, 492, 860	2, 580, 153	2, 813, 307	3, 297, 848	3, 795, 336	3, 574, 883
Shipping mines	3, 719, 765	4, 164, 332	3, 683, 225	2, 965, 627	2, 429, 050	2, 506, 153	2, 731, 693	3, 198, 829	3, 693, 556	3, 493, 987
Local mines	40, 460	32, 507	40, 758	52, 456	63, 810	74, 000	81, 614	99, 019	101, 780	80, 896
Johnson County	565	58	2, 286	1, 090	1, 440	1, 388	729	180	250	135
Shipping mines										
Local mines	565	58	2, 286	1, 090	1, 440	1, 388	729	180	250	135
Williamson County	5, 111, 894	5, 274, 804	4, 107, 573	2, 165, 819	1, 933, 638	2, 036, 247	2, 060, 090	2, 095, 624	2, 992, 988	2, 818, 989
Shipping mines	5, 126, 741	5, 293, 641	4, 033, 815	2, 090, 098	1, 807, 728	1, 892, 183	1, 899, 152	2, 760, 767	2, 641, 243	2, 882, 214
Local mines	55, 153	51, 163	73, 728	75, 721	125, 910	144, 064	190, 938	234, 857	351, 745	436, 775

TABLE 25—Concluded.

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Twelfth District totals	5, 182, 459	5, 274, 862	4, 109, 859	2, 167, 509	1, 935, 078	2, 037, 635	2, 090, 819	2, 995, 804	2, 993, 238	2, 919, 124
Shipping mines	5, 126, 741	5, 223, 641	4, 033, 845	2, 090, 098	1, 807, 728	1, 892, 183	1, 899, 152	2, 760, 767	2, 641, 243	2, 382, 214
Local mines	55, 718	51, 221	76, 014	77, 411	127, 350	145, 452	191, 667	235, 037	351, 995	436, 910
The State	56, 211, 082	61, 127, 759	54, 035, 116	45, 152, 623	34, 120, 786	38, 320, 125	41, 724, 078	45, 013, 278	51, 475, 899	52, 432, 255
Shipping mines	54, 284, 184	59, 075, 995	51, 996, 608	43, 073, 058	31, 402, 399	35, 390, 677	38, 655, 527	41, 410, 414	47, 285, 587	48, 062, 076
Local mines	1, 926, 898	2, 051, 764	2, 038, 508	2, 079, 565	2, 718, 387	2, 929, 448	3, 068, 551	3, 602, 864	4, 190, 312	4, 370, 179

TABLE 26—MINES SERVED BY RAILROADS AND THE INITIALS OF ROADS SERVING—ARRANGED BY COUNTIES AND DISTRICTS.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
<b>BUREAU COUNTY</b>					
Spring Valley Coal & Mining Co.	C. & N. W. C. R. I. & P.	7,184 6,398 786			7,184 6,398 786
<b>GRUNDY COUNTY</b>					
Northeastern Illinois Coal Co.	C. R. I. & P.	3,407			3,407
Will County Coal Co.	C. & A.	2,207 1,200			2,207 1,200
<b>HENRY COUNTY</b>					
Midland Electric Coal Corp., No. 1.	C. R. I. & P. Belt R. R.	378,543 338,292	184,817 153,812		563,360 492,101 9,460
Shuler Coal Mining Co.	C. & N. W. C. B. & Q.	11,217 40,251	11,217 10,328		11,217 50,579
<b>LA SALLE COUNTY</b>					
Buffalo Rock Coal Co.		154,082	96		154,178
Illinois Zinc Co., No. 3.	C. R. I. & P.	21,228	96		21,324
Union Coal Co.	C. R. I. & P.	15,994			15,994
Wilmington Coal Mines, Inc.	C. R. I. & P.	57,783			57,783
Osage Coal Co., No. 1.	C. R. I. & P.	39,239 19,838			39,239 19,838
<b>PUTNAM COUNTY</b>					
Prairie State Coal Co.	Putnam Co. R. R.	24,573	688	496	25,757
<b>WILL COUNTY</b>					
Northern Illinois Coal Corp., No. 10.	C. & A. A. T. & S. F. Belt Ry.	874,172 442,863 431,309	262,444 27,415 222,627 12,402		1,136,616 470,278 653,936 12,402
Total First District		1,441,961	448,045	496	1,890,502
<b>PEORIA COUNTY</b>					
Crescent Mining Co., No. 1.	P. T. Co. P. & P. U.	48,874 1,271	987,945 1,838		1,036,819 3,109 9,321
Crescent Mining Co., No. 6.	C. R. I. & P. P. T. Co. P. & P. U.	431,421 27,067	431,421 1,961 2,805		431,421 29,028 2,805
Dorthel Coal Co., No. 1.	C. R. I. & P. M. & St. L.	489,024 16,022	489,024 42,554		489,024 58,576
	C. & N. W. P. & P. U.	5,151 350	5,151 350		5,151 350
Central West Coal Co., No. 3.	C. G. W. C. B. & Q.	1,410 4,513	1,410 2,110		1,410 6,623
<b>TAZEWELL COUNTY</b>					
Lake Erie Mining Co.	P. & P. U.	16,479	27,534		44,013
Ubben Coal Co.	C. C. C. & St. L.	10,540 5,939	27,534		38,074 5,939
<b>WOODFORD COUNTY</b>					
Roanoke Coal & Tile Co.	A. T. & S. F.	14,755			14,755
W. G. Sutton.	I. C. A. T. & S. F.	1,734 12,166 855			1,734 12,166 855
Total Second District		80,107	1,015,479		1,095,586

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
FULTON COUNTY.....		1,865,247	940,023		2,805,270
Blakley Coal Co.....	C. B. & Q.....	47,047	5,088		52,135
	T. P. & W.....		2,486		2,486
Central State Collieries.....	C. & N. W.....		25,108		25,108
	C. G. W.....		57,548		57,548
	T. P. & W.....		7,158		7,158
	M. & St. L.....		12,340		12,340
	C. M. & St. P.....		11,090		11,090
	Illinois Northern.....		9,753		9,753
	C. R. I. & P.....		17,825		17,825
	C. W. P. & S.....		12,021		12,021
	A. T. & S. F.....		195		195
	C. B. & Q.....	256,056	38,657		294,713
	Tri-City R. R.....		313		313
Dorthel Coal No. 3.....	M. & St. L.....	20,955	10,260		31,215
	C. & N. W.....		9,891		9,891
	C. G. W.....		1,120		1,120
Golden Rule Coal Co.....	M. & St. L.....	4,831	12,784		17,615
Illinois Colliery Co.....	C. B. & Q.....	26,212	15,083		41,295
Midland Electric Coal Corp., No. 2.....	M. & St. L.....	486,174	267,802		753,976
Peterson Coal Co.....	T. P. & W.....	307			307
Pschirrer & Sons Coal Co.....	C. B. & Q.....	55,408	9,540		64,948
Reed Mine.....	T. P. & W.....	608			608
Truax-Traer Coal Co., No. 1.....	C. B. & Q.....	400,579	90,269		490,848
Truax-Traer Coal Co., No. 2.....	C. B. & Q.....	266,626	189,547		456,173
United Electric Coal Co., No. 9.....	C. B. & Q.....	266,198	43,816		310,014
	C. M. & St. P.....		1,260		1,260
	A. & S.....		1,508		1,508
	C. G. W.....		66,795		66,795
	Belt Ry.....		14,564		14,564
United Electric Coal Co., No. 17.....	C. B. & Q.....	34,246	3,878		38,124
	C. G. W.....		1,436		1,436
	Belt Ry.....		888		888
KNOX COUNTY.....		398,969	281,053		680,022
Galesburg Mining Co.....	A. T. & S. F.....	13,132	180,388		193,520
Little John Coal Co.....	C. B. & Q.....		96,645		96,645
	G. & G. E.....	385,837	2,850		388,687
	A. T. & S. F.....		1,170		1,170
Total Third District.....		2,264,216	1,221,076		3,485,292
CHRISTIAN COUNTY.....		4,051,068	528,618	11,904	4,591,590
Pana Coal Co.....	I. C.....	16,546	51	11,904	28,501
	B. & O.....	1,315			1,315
	C. C. C. & St. L.....	408			408
	C. & E. I.....	42			42
Peabody Coal Co., No. 7.....	C. & I. M.....	974,479	232,021		1,206,500
Peabody Coal Co., No. 8.....	C. & I. M.....	1,172,239	25,754		1,197,993
Peabody Coal Co., No. 9.....	C. & I. M.....	960,824	239,524		1,200,348
Peabody Coal Co., No. 58.....	C. & I. M.....	790,296			790,296
	Wabash.....	75,859	26,750		102,609
Penwell Coal Mining Co.....	I. C.....	57,651	4,518		62,169
	B. & O.....	1,217			1,217
	C. C. C. & St. L.....	192			192



TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
SANGAMON COUNTY		1,389,127	519,459	588	1,909,174
Central Illinois Coal Mining Co.	C. S. & St. L.	69,293	98,919		168,212
Mine B Coal Co.	C. S. & St. L.	19,737	1,900		21,637
	C. & A.	18,800	31,850		50,650
	Wabash	25,857	37,750		63,607
Panther Creek Mines, No. 4	B. & O.	2,949			2,949
	C. & A.	128,360	56,657		185,017
	Wabash	89,109	36,759		125,868
	I. C.	10,808			10,808
	C. & I. M.	4,668			4,668
	C. S. & St. L.	2,519			2,519
	I. T. S.	3,329			3,329
Panther Creek Mines, No. 5	C. & A.	136,467	108,537		245,004
	I. C.	13,115			13,115
	Wabash	9,835	414		10,249
	C. & I. M.	7,407			7,407
	I. T. S.	3,535			3,535
	B. & O.	1,754			1,754
	C. S. & St. L.	2,287			2,287
Peabody Coal Co., No. 53	C. S. & St. L.	88			88
	S. T.	39			39
	Wabash	73,708	108,959		182,667
	C. & A.	2,823			2,823
	B. & O.	175			175
	C. & I. M.	136,557			136,557
	I. C.	2,075			2,075
	I. T. C.	4,773			4,773
Peabody Coal Co., No. 57	I. C.	210,430			210,430
	B. & O.	9,167			9,167
	I. T. S.	101,478			101,478
	Wabash		11,443		11,443
Peabody Coal Co., No. 59	S. T.	291,705	20,811	588	313,104
Employees Group Jefferson Mine	C. & A.	1,980	4,520		6,500
	I. C.	3,691			3,691
The Brewerton Co., No. 81	C. & A.	113	940		1,053
	I. C.	496			496
Total Fourth District		5,440,195	1,048,077	12,492	6,500,764
EDGAR COUNTY		17,260	9,490		26,750
Lincoln City Coal Co.	C. M. & St. P.	17,260	9,490		26,750
MACON COUNTY		13,541			13,541
Macon County Coal Co.	I. C.	13,541			13,541
VERMILION COUNTY		1,003,479	706,092	2,330	1,711,901
United States Fuel Co.	E. J. & E.	555,967	434,644	2,330	992,941
Peabody Coal Co., No. 24	C. & E. I.	108,575			108,575
	C. C. C. & St. L.	121,754	203,612		325,366
	Wabash	65,756	33,657		99,413
F. C. Morgan Coal Co.	P. & E.	116,144	5,627		121,771
	I. T. C.	18,907			18,907
Tilton Mining Co.	Wabash	8,566	15,190		23,776
	Belt Ry.		13,362		13,362
Pyramid Coal Corp., No. 2	I. T. C.	6,159			6,159
J. G. Skelton Coal Co.	I. T. C.	1,631			1,631
Total Fifth District		1,034,280	715,582	2,330	1,752,192

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
MACOUPIN COUNTY		502,991	2,658,184	18,741	3,179,916
Consolidated Coal Co., No. 7	Wabash	142,831	138,845		281,676
	L. & M.	1,154			1,154
Consolidated Coal Co., No. 15	Wabash	206,825	231,454		438,279
Gillespie Coal Co.	I. T. C.	109,282	126,584		235,866
Mt. Olive Coal Co.	I. C.	36,846	25,986	18,741	81,573
South Mine Coal Co.	I. T. C.	1,000			1,000
South Mine Co.	I. T. C.	741			741
Superior Coal Co., No. 1	C. & N. W.		337,815		337,815
Superior Coal Co., No. 2	C. & N. W.		412,037		412,037
Superior Coal Co., No. 3	C. & N. W.		595,455		595,455
Superior Coal Co., No. 4	C. & N. W.		739,806		739,806
Virden Coal Co.	C. & A.	4,025	49,047		53,072
Lincoln Liquidating Corp.	C. & A.	287	1,155		1,442
MONTGOMERY COUNTY		585,431	250,151		835,582
Hillsboro Coal Co.	C. C. C. & St. L.	25,878	11,684		37,562
	Belt Ry.		790		790
Hillsboro Mining Co.	C. C. C. & St. L.	5,673	1,633		7,306
	C. & E. I.		526		526
Indiana & Illinois Coal Corp., No. 10	C. & E. I.	67,647	30,475		98,122
	N. Y. C. & St. L.	144,315	117,935		262,250
Nokomis Coal Co.	C. C. C. & St. L.	225,826	46,215		272,041
	C. & E. I.	116,092	40,893		156,985
Total Sixth District		1,088,422	2,908,335	18,741	4,015,498
BOND COUNTY		25,052	6,578		31,630
Illinois-Pocahontas Coal Co.	P. R. R.	25,052	6,578		31,630
MADISON COUNTY		887,675	84,328		972,003
Bullock Mining Co.	P. R. R.	6,435			6,435
Chicopee Coal Co.	I. T. C.	8,774			8,774
Livingston-Mt. Olive Coal Co., No. 1	C. C. C. & St. L.	24,664	11,015		35,679
	C. & E. I.	6,622	7,111		13,733
Lumaghi Coal Co., No. 2	P. R. R.	231,811	450		232,261
Madison County Coal & Mining Co.	I. T. C.	173,626			173,626
Mt. Olive & Staunton Coal Co., No. 2	L. & M.	435,743	11,415		447,158
	I. C.		7,299		7,299
	Wabash		35,182		35,182
	C. & G. W.		3,965		3,965
	C. R. I. & P.		3,457		3,457
	A. & S.		2,762		2,762
	St. L. & S. F.		1,672		1,672
MARION COUNTY		153,568	56,577		210,145
Marion County Coal Co.	I. C.	69,213	18,824		88,037
	C. B. & Q.	76,188	20,511		96,699
Odin Coal Co.	I. C.	8,167	17,242		25,409
Total Seventh District		1,066,295	147,483		1,213,778
CLINTON COUNTY		92,000	299		92,299
Beckemeyer Coal Co.	B. & O.	18,515			18,515
Citizens Coal Co.	B. & O.	23,541			23,541
Southern Coal, Coke & Mining Co., No. 9	T. R. R. A.		299		299
	Southern	49,944			49,944

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
ST. CLAIR COUNTY		777,032	301,690	17,785	1,099,507
Freeburg Coal Co.	I. C.	4,387	-----	-----	4,387
Gill Coal Corp.	I. C.	21,421	-----	-----	21,421
Golden Rule Coal Co.	I. C.	44,148	13,896	-----	58,044
Groom Coal Co.	I. C.	14,743	-----	16,497	31,240
Gundlach Coal Co.	Caseyville	97,387	41,831	-----	142,218
Lenzburg Coal Co.	I. C.	42,281	6,413	-----	48,694
Mulberry Hill Coal Co.	I. C.	16,456	3,306	-----	19,762
Marissa Coal Co.	I. C.	9,890	1,717	-----	11,607
Perry Coal Co., Carbon	A. & S.	-----	451	-----	451
Perry Coal Co., St. Ellen	B. & O.	2,885	19,516	-----	22,401
Prairie Coal Co.	I. T. C.	138,109	22,510	-----	160,619
St. Louis & O'Fallon Coal Co., No. 2	I. T. C.	46,630	-----	-----	46,630
Service Coal Co.	St. L. & O'F.	127,156	133,452	1,288	261,896
Southern Coal, Coke & Mining Co., No. 6	L. & N.	1,231	-----	-----	1,231
Southern Coal, Coke & Mining Co., No. 7	T. R. R. A.	-----	83	-----	83
United Electric Coal Cos., No. 13	Southern	16,669	-----	-----	16,669
Vinegar Hill Coal Co.	T. R. R. A.	-----	105	-----	105
White Coal Co.	Southern	83,706	-----	-----	83,706
Mascoutah Coal Mining Co.	I. C.	37,122	37,961	-----	75,083
New National Coal & Mining Co.	A. & S.	-----	834	-----	834
	C. G. W.	-----	3,511	-----	3,511
	Belt Ry.	-----	2,497	-----	2,497
	I. C.	58,515	13,607	-----	72,122
	L. & N.	3,750	-----	-----	3,750
	L. & N.	8,696	-----	-----	8,696
	I. C.	1,850	-----	-----	1,850
Total Eighth District		869,032	304,989	17,785	1,191,806
JACKSON COUNTY		1,205,193	357,984	-----	1,563,177
Truax-Traer Coal Co., No. 2	I. C.	255,076	89,220	-----	344,296
Union Colliery Co.	Mo. P.	100,092	113,530	-----	213,622
	I. C.	850,025	155,234	-----	1,005,259
PERRY COUNTY		1,803,956	1,330,354	23,972	3,158,282
Bailey Bros. Coal Co.	I. C.	400	-----	-----	400
Beaucoup Coal Co.	Mo. P.	15,385	3,226	-----	18,611
Bibby Coal Co.	Mo. P.	725	-----	-----	725
Bird & Tanner	Mo. P.	100	-----	-----	100
Pinkneyville Mining Co., No. 5	I. C.	14,524	3,452	-----	17,976
	Mo. P.	15,000	2,452	-----	17,452
	B. R. C.	-----	4,561	-----	4,561
Conant Coal Co.	Mo. P.	4,495	7,667	-----	12,162
Crerar-Clinch Coal Co., No. 14	I. C.	149,877	62,350	-----	212,227
Peabody Coal Co., No. 14	I. C.	266,117	79,763	-----	345,880
Cutler Coal Co., Inc.	Mo. P.	81,155	-----	-----	81,155
Home Coal Co.	I. C.	2,500	-----	-----	2,500
K. & E. Coal Co.	I. C.	1,800	-----	-----	1,800
New Galum Coal Co.	Mo. P.	13,463	10,500	-----	23,963
Perfection Coal Co.	I. C.	41,007	-----	23,972	64,979
Pyramid Coal Corp.	Mo. P.	324,313	441,465	-----	765,778
	I. C.	87,151	83,430	-----	170,581
	C. G. W.	-----	251,517	-----	251,517
United Electric Coal Cos., No. 11	I. C.	284,277	71,689	-----	355,966
	Mo. P.	426,415	270,942	-----	697,357
	I. N. Ry.	-----	932	-----	932
	St. L. & S. F.	-----	271	-----	271
	C. G. W.	-----	9,313	-----	9,313
	Belt Ry.	-----	699	-----	699
Whip-Poor-Will Coal Co.	Mo. P.	42,417	-----	-----	42,417
Coulterville Coal Co.	I. C.	18,670	2,550	-----	21,220
	M. & I.	14,165	10,017	-----	24,182
	T. R. R. A.	-----	13,558	-----	13,558

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
RANDOLPH COUNTY.....		659,625	484,189	-----	1,143,814
Crain Coal Co.....	Mo. P.....	3,361	1,598	-----	4,959
Ill-Mo Coal Co.....	M. & I.....	9,590	8,923	-----	18,513
Oregon Coal Co., No. 2.....	I. C.....	28,476	-----	-----	28,476
Moffat Coal Co.....	M. & I.....	53,624	229,530	-----	283,154
St. Louis Coal Co.....	I. C.....	135,514	21,100	-----	156,614
Southwestern Illinois Coal Corp.....	M. & I.....	-----	9,540	-----	9,540
	M. & O.....	155,354	99,610	-----	254,964
	Mo. P.....	273,706	94,870	-----	368,576
	St. L. & S. F.....	-----	15,407	-----	15,407
	C. R. I. & P.....	-----	2,816	-----	2,816
	A. & S.....	-----	795	-----	795
WASHINGTON COUNTY.....		84,920	144,795	21,340	251,055
Centralia Coal Co., No. 5.....	I. C.....	40,498	71,547	-----	112,045
	C. B. & Q.....	36,475	50,575	-----	87,050
Clarkson Coal & Mining Co.....	L. & N.....	6,847	22,673	21,340	50,860
Bois Coal Co.....	I. C.....	1,100	-----	-----	1,100
Total Ninth District.....		3,753,694	2,317,322	45,312	6,116,328
FRANKLIN COUNTY.....		6,737,182	2,808,578	-----	9,545,760
Bell & Zoller Coal & Mining Co., No. 1.....	I. C.....	331,811	88,461	-----	420,272
	C. B. & Q.....	262,156	59,134	-----	321,290
	Mo. P.....	164,374	85,452	-----	249,826
Bell & Zoller Coal & Mining Co., No. 2.....	I. C.....	347,076	92,777	-----	439,853
	C. B. & Q.....	274,288	62,132	-----	336,420
	Mo. P.....	172,107	89,634	-----	261,741
Chicago, Wilmington & Franklin Coal Co., No. 1.....	C. B. & Q.....	193,700	42,521	-----	236,221
	Mo. P.....	176,689	96,849	-----	273,538
	I. C.....	224,314	74,879	-----	299,193
	C. & E. I.....	18,223	790	-----	19,013
Chicago, Wilmington & Franklin Coal Co., No. 2.....	C. B. & Q.....	383,209	92,737	-----	475,946
	Mo. P.....	262,062	150,914	-----	412,976
	I. C.....	418,759	120,731	-----	539,490
	C. & E. I.....	41,413	21,062	-----	62,475
Frankfort Coal Co. No. 21.....	C. B. & Q.....	8,266	920	-----	9,186
	C. & E. I.....	8,788	2,933	-----	11,721
	I. C.....	1,046	318	-----	1,364
Southern Illinois Coal Co., No. 21.....	C. B. & Q.....	32,754	6,210	-----	38,964
	C. & E. I.....	49,910	13,475	-----	63,385
	I. C.....	3,711	-----	-----	3,711
Franklin County Coal Corp., No. 5.....	I. C.....	190,625	-----	-----	190,625
	Mo. P.....	83,229	-----	-----	83,229
	C. B. & Q.....	263,025	-----	-----	263,025
Franklin County Coal Corp., No. 7.....	C. B. & Q.....	221,506	-----	-----	221,506
	I. C.....	167,463	-----	-----	167,463
	Mo. P.....	160,194	-----	-----	160,194
Old Ben Coal Corp., No. 8.....	C. B. & Q.....	170,819	78,263	-----	249,082
	I. C.....	121,961	1,569	-----	123,530
	Mo. P.....	142,787	4,521	-----	147,308
	C. & E. I.....	20,700	9,745	-----	30,445
Old Ben Coal Corp., No. 11.....	C. B. & Q.....	381,991	58,744	-----	440,735
	Mo. P.....	-----	577	-----	577
Old Ben Coal Corp., No. 14.....	C. B. & Q.....	129,734	22,364	-----	152,098
	I. C.....	195,401	46,785	-----	242,186
	Mo. P.....	101,075	146,362	-----	247,437
Old Ben Coal Corp., No. 15.....	C. B. & Q.....	215,595	24,454	-----	240,049
	I. C.....	227,201	114,340	-----	341,541
	Mo. P.....	12,320	15,174	-----	27,494
	C. & E. I.....	21,389	48	-----	21,437
Peabody Coal Co., No. 18.....	C. & E. I.....	136,518	26,260	-----	162,778
	C. B. & Q.....	201,018	34,262	-----	235,280
	I. C.....	197,975	26,482	-----	224,457
Valier Coal Co., No. 1.....	C. B. & Q.....	-----	1,096,699	-----	1,096,699
Total Tenth District.....		6,737,182	2,808,578	-----	9,545,760

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
SALINE COUNTY		2,514,156	703,312		3,217,468
Bankston Creek Colliery, No. 6.	C. C. C. & St. L.	391,296	243,525		634,821
Blue Bird Coal Co., No. 5.	C. C. C. & St. L.	191,100	50,024		241,124
Peabody Coal Co., No. 43.	C. C. C. & St. L.	59,333	72,874		132,207
Peabody Coal Co., No. 47.	C. C. C. & St. L.	506,503	97,399		603,902
Rex Coal Co., No. 2	I. C.	307,860			307,860
	C. C. C. & St. L.	125,746			125,746
Sahara Coal Co., No. 1	C. C. C. & St. L.	219,255	19,345		238,600
Sahara Coal Co., No. 3.	C. C. C. & St. L.	25,317	2,324		27,641
Sahara Coal Co., No. 10	C. C. C. & St. L.	79,226	25,714		104,940
	I. C.	115,954	40,968		156,922
Sahara Coal Co., No. 12.	C. C. C. & St. L.	121,624	20,325		141,949
Wasson Coal Co., "A"	C. C. C. & St. L.	79,528	73,245		152,773
Wasson Coal Co., No. 1.	C. C. C. & St. L.	226,680	36,929		263,609
	I. C.	64,734	20,640		85,374
WHITE COUNTY		16,621			16,621
Norris City Coal Co.	B. & O.	13,290			13,290
	C. C. C. & St. L.	3,331			3,331
Total Eleventh District		2,530,777	703,312		3,234,089
WILLIAMSON COUNTY		1,624,776	653,138		2,277,914
Blue Hill Coal Co.	Mo. P.	17,410	13,408		30,818
Marvel Coal Co.	Mo. P.	12,020	5,228		17,248
Cartersville Mining & Engineering Co.	I. C.	8,187			8,187
Consolidated Coal Co.	I. C.	191,073	81,964		273,037
	Mo. P.	98,295	58,534		156,829
	C. B. & Q.	147,481	33,003		180,484
Delta Coal Mining Co.	I. C.	304,712	93,639		398,351
Diamond Coal Co., No. 1.	C. B. & Q.	400			400
Diamond Coal Co., No. 2.	C. B. & Q.	10,190			10,190
Forsyth Cartersville Coal Co., No. 1.	I. C.	105,974	21,423		127,397
Franco Mining Corp., No. 1.	C. B. & Q.	194,679	70,739		265,418
Freeman Coal Mining Co.	I. C.	123,760	28,994		152,754
	C. B. & Q.	102,788	25,128		127,916
McLaren Coal Co., No. 1.	I. C.	64,499	15,212		79,711
McLaren Coal Co., No. 2.	Included in McLaren No. 1				
Jeffries Coal Co.	Included in Forsyth-Cartersville Coal Co.				
New Watson Coal Co.	Mo. P.	14,972			14,972
Seymour Coal Mining Co.	I. C.	92,238	50,739		142,977
	C. B. & Q.	39,734	22,911		62,645
	Mo. P.	56,706	52,222		108,928
Wallace Coal Co.	Mo. P.	39,658	79,994		119,652
Total Twelfth District		1,624,776	653,138		2,277,914

TABLE 27—RAILROADS HANDLING THE COAL AND THE MINES SERVED BY EACH.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Illinois Central.....			6,688,904	1,711,076	71,114	8,471,094
S-1	Bailey Bros. Coal Co.	Perry	9	400			400
S-1	Bell & Zoller Coal & Mining Co. No. 1.	Franklin	10	331,811	88,461		420,272
S-2	Bell & Zoller Coal & Mining Co. No. 2.	Franklin	10	347,076	92,777		439,853
S-3	Bois Coal Co.	Washington	9	1,100			1,100
S-9	Brewerton Co., The	Sangamon	4	496			496
S-2	Carterville Mining & Eng. Co.	Williamson	12	8,187			8,187
S-1	Centralia Coal Co. No. 5	Washington	9	40,498	71,547		112,045
S-3	Chicago, Wilmington & Franklin Coal Co. No. 1	Franklin	10	224,314	74,879		299,193
S-4	Chicago, Wilmington & Franklin Coal Co. No. 2	Franklin	10	418,759	120,731		539,490
S-3	Consolidated Coal Co. New Monarch	Williamson	12	191,073	81,964		273,037
S-16	Coulterville Coal Co.	Perry	9	18,670	2,550		21,220
S-6	Crerar-Clinch Coal Co. No. 14	Perry	9	149,877	62,350		212,227
S-4	Delta Coal Mining Co.	Williamson	12	304,712	93,639		398,351
S-9	Employees Group Jefferson Mine	Sangamon	4	3,691			3,691
S-7	Forsyth Carterville Coal Co.	Williamson	12	105,974	21,423		127,397
S-5	Frankfort Coal Co. No. 21	Franklin	10	1,046	318		1,364
S-6	Franklin County Coal Corp. No. 5	Franklin	10	190,625			190,625
S-7	Franklin County Coal Corp. No. 7	Franklin	10	167,463			167,463
S-1	Freeburg Coal Co.	St. Clair	8	4,387			4,387
S-9	Freeman Coal Mining Co.	Williamson	12	123,760	28,994		152,754
S-2	Gill Coal Corp.	St. Clair	8	21,421			21,421
S-3	Golden Rule Coal Co.	St. Clair	8	44,148	13,896		58,044
S-4	Groom Coal Co.	St. Clair	8	14,743		16,497	31,240
S-9	Home Coal Co.	Perry	9	2,500			2,500
S-10	Jeffries Coal Co. No. 3 <sup>1</sup>	Williamson	12				
S-10	K. & E. Coal Co.	Perry	9	1,800			1,800
S-6	Lenzburg Coal Co.	St. Clair	8	42,281	6,413		48,694
S-13	McLaren Coal Co. No. 1	Williamson	12	64,499	15,212		79,711
S-14	McLaren Coal Co. No. 2 <sup>2</sup>	Williamson	12				
S-1	Macon County Coal Co.	Macon	5	13,541			13,541
S-1	Marion County Coal Co.	Marion	7	69,213	18,824		88,037
S-8	Marissa Coal Co.	St. Clair	8	9,890	1,717		11,607
S-4	Mt. Olive Coal Co.	Macoupin	6	36,846	25,986	18,741	81,573
S-6	Mt. Olive & Staunton Coal Co. No. 2	Madison	7		7,299		7,299
S-7	Mulberry Hill Coal Co.	St. Clair	8	16,456	3,306		19,762
S-25	New National Coal & Mining Co.	St. Clair	8	1,850			1,850
S-2	Odin Coal Co.	Marion	7	8,167	17,242		25,409
S-8	Old Ben Coal Corp. No. 8	Franklin	10	121,961	1,569		123,530
S-10	Old Ben Coal Corp. No. 14	Franklin	10	195,401	46,785		242,186
S-11	Old Ben Coal Corp. No. 15	Franklin	10	227,201	114,340		341,541
S-4	Oregon Coal Co. No. 2	Randolph	9	28,476			28,476
S-1	Pana Coal Co.	Christian	4	16,546	51	11,904	28,501
S-3	Panther Creek Mines, No. 4	Sangamon	4	10,808			10,808
S-5	Panther Creek Mines, No. 5	Sangamon	4	13,115			13,115
S-6	Peabody Coal Co. No. 14	Perry	9	266,117	79,763		345,880
S-12	Peabody Coal Co. No. 18	Franklin	10	197,975	26,482		224,457
S-5	Peabody Coal Co. No. 53	Sangamon	4	2,075			2,075
S-6	Peabody Coal Co. No. 57	Sangamon	4	210,430			210,430
S-6	Penwell Coal Mining Co.	Christian	4	57,651	4,518		62,169
S-12	Perfection Coal Co.	Perry	9	41,007		23,972	64,979
S-4	Pinckneyville Coal Mining Co. No. 5	Perry	9	14,524	3,452		17,976
S-13	Pyramid Coal Corp.	Perry	9	87,151	83,430		170,581
S-6	Rex Coal Co. No. 2	Saline	11	307,860			307,860
S-9	Sahara Coal Co. No. 10	Saline	11	115,954	40,968		156,922
S-6	St. Louis Coal Co.	Randolph	9	135,514	21,100		156,614
S-17	Seymour Coal Mining Co.	Williamson	12	92,288	50,739		142,977
S-5	Southern Illinois Coal Co. No. 21	Franklin	10	3,711			3,711
S-2	W. G. Sutton	Woodford	2	12,166			12,166
S-1	Truax-Traer Coal Co. No. 2	Jackson	9	255,076	89,220		344,296
S-2	Union Colliery Co.	Jackson	9	850,025	155,234		1,005,259
S-14	United Electric Coal Cos. No. 11	Perry	9	284,277	71,689		355,966
S-18	United Electric Coal Cos. No. 13	St. Clair	8	37,122	37,961		75,083
S-19	Vinegar Hill Coal Co.	St. Clair	8	58,515	13,607		72,122
S-12	Wasson Coal Co. No. 1	Saline	11	64,734	20,640		85,374

<sup>1</sup> Included in Forsyth Carterville Coal Co. report.<sup>2</sup> Included in McLaren Coal Co. No. 1 report.

TABLE 27—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Chicago, Burlington & Quincy.....			4,743,132	2,306,268		7,049,400
S-1	Bell & Zoller Coal & Mining Co. No. 1.	Franklin	10	262,156	59,134		321,290
S-2	Bell & Zoller Coal & Mining Co. No. 2.	Franklin	10	274,288	62,132		336,420
S-1	Blakley Coal Co.....	Fulton	3	47,047	5,088		52,135
S-1	Centralia Coal Co. No. 5.....	Washington	9	36,475	50,575		87,050
S-2	Central State Collieries.....	Fulton	3	256,056	38,657		294,713
S-4	Central West Coal Co.....	Peoria	2	4,513	2,110		6,623
S-3	Chicago, Wilmington & Franklin Coal Co. No. 1.....	Franklin	10	193,700	42,521		236,221
S-4	Chicago, Wilmington & Franklin Coal Co. No. 2.....	Franklin	10	383,209	92,737		475,946
S-3	Consolidated Coal Co. New Monarch.....	Williamson	12	147,481	33,003		180,484
S-5	Diamond Coal Co. No. 1.....	Williamson	12	400			400
S-6	Diamond Coal Co. No. 2.....	Williamson	12	10,190			10,190
S-6	Franco Mining Corp. No. 1.....	Williamson	12	194,679	70,739		265,418
S-6	Franklin County Coal Corp. No. 5.....	Franklin	10	263,025			263,025
S-7	Franklin County Coal Corp. No. 7.....	Franklin	10	221,506			221,506
S-5	Frankfort Coal Co. No. 21.....	Franklin	10	8,266	920		9,186
S-9	Freeman Coal Mining Co.....	Williamson	12	102,788	25,128		127,916
S-6	Illinois Colliery Co.....	Fulton	3	26,212	15,083		41,295
S-2	Little John Coal Co.....	Knox	3		96,645		96,645
S-1	Marion County Coal Co.....	Marion	7	76,188	20,511		96,699
S-8	Old Ben Coal Corp. No. 8.....	Franklin	10	170,819	78,263		249,082
S-9	Old Ben Coal Corp. No. 11.....	Franklin	10	381,991	58,744		440,735
S-10	Old Ben Coal Corp. No. 14.....	Franklin	10	129,734	22,364		152,098
S-11	Old Ben Coal Corp. No. 15.....	Franklin	10	215,595	24,454		240,049
S-12	Peabody Coal Co. No. 18.....	Franklin	10	201,018	34,262		235,280
S-10	Peschirer & Sons Coal Co.....	Fulton	3	55,408	9,540		64,948
S-17	Seymour Coal Mining Co.....	Williamson	12	39,734	22,911		62,645
S-2	Shuler Coal Mining Co.....	Henry	1	40,251	10,328		50,579
S-5	Southern Illinois Coal Co. No. 21.....	Franklin	10	32,754	6,210		38,964
S-12	Truax-Traer Coal Co. No. 1.....	Fulton	3	400,579	90,269		490,848
S-13	Truax-Traer Coal Co. No. 2.....	Fulton	3	266,626	189,547		456,173
S-14	United Electric Coal Cos. No. 9.....	Fulton	3	266,198	43,816		310,014
S-15	United Electric Coal Cos. No. 17.....	Fulton	3	34,246	3,878		38,124
S-14	Valier Coal Co. No. 1.....	Franklin	10		1,096,699		1,096,699
	Missouri Pacific.....			2,814,525	1,745,119		4,559,644
S-2	Beaucoup Coal Co.....	Perry	9	15,385	3,226		18,611
S-1	Bell & Zoller Coal & Mining Co. No. 1.	Franklin	10	164,374	85,452		249,826
S-2	Bell & Zoller Coal & Mining Co. No. 2.	Franklin	10	172,107	89,634		261,741
S-3	Biby Coal Co.....	Perry	9	725			725
S-3	Bird & Tanner.....	Perry	9	100			100
S-1	Blue Hill Coal Co.....	Williamson	12	17,410	13,408		30,818
S-3	Chicago, Wilmington & Franklin Coal Co. No. 1.....	Franklin	10	176,689	96,849		273,538
S-4	Chicago, Wilmington & Franklin Coal Co. No. 2.....	Franklin	10	262,062	150,914		412,976
S-5	Conant Coal Co.....	Perry	9	4,495	7,667		12,162
S-3	Consolidated Coal Co. New Monarch.....	Williamson	12	98,295	58,534		156,829
S-2	Crain Coal Co.....	Randolph	9	3,361	1,598		4,959
S-8	Cutler Coal Co., Inc.....	Perry	9	81,155			81,155
S-6	Franklin County Coal Corp. No. 5.....	Franklin	10	83,229			83,229
S-7	Franklin County Coal Corp. No. 7.....	Franklin	10	160,194			160,194
S-1	Marvel Coal Co.....	Williamson	12	12,020	5,228		17,248
S-11	New Galum Coal Corp.....	Perry	9	13,463	10,500		23,963
S-15	New Watson Coal Co.....	Williamson	12	14,972			14,972
S-8	Old Ben Coal Corp. No. 8.....	Franklin	10	142,787	4,521		147,308
S-9	Old Ben Coal Corp. No. 11.....	Franklin	10		577		577
S-10	Old Ben Coal Corp. No. 14.....	Franklin	10	101,075	146,362		247,437
S-11	Old Ben Coal Corp. No. 15.....	Franklin	10	12,320	15,174		27,494
S-4	Pinckneyville Mining Co. No. 5.....	Perry	9	15,000	2,452		17,452
S-13	Pyramid Coal Corp.....	Perry	9	324,313	441,465		765,778
S-17	Seymour Coal Mining Co.....	Williamson	12	56,706	52,222		108,928
S-1	Southwestern Illinois Coal Corp.....	Randolph	9	273,706	94,870		368,576
S-1	Truax-Traer Coal Co. No. 2.....	Jackson	9	100,092	113,530		213,622
S-14	United Electric Coal Cos. No. 11.....	Perry	9	426,415	270,942		697,357
S-15	Wallace Coal Co.....	Williamson	12	39,658	79,994		119,652
S-19	Whip-Poor-Will Coal Co.....	Perry	9	42,417			42,417



TABLE 27—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Chicago & Illinois Midland .....			4, 046, 470	497, 299		4, 543, 769
2-3	Panther Creek Mines, Inc. No. 4 .....	Sangamon	4	4, 668			4, 668
2-4	Panther Creek Mines, Inc. No. 5 .....	Sangamon	4	7, 407			7, 407
2-2	Peabody Coal Co. No. 7 .....	Christian	4	974, 479	232, 021		1, 206, 500
2-3	Peabody Coal Co. No. 8 .....	Christian	4	1, 172, 239	25, 754		1, 197, 993
2-4	Peabody Coal Co. No. 9 .....	Christian	4	960, 824	239, 524		1, 200, 348
2-5	Peabody Coal Co. No. 53 .....	Sangamon	4	136, 557			136, 557
2-5	Peabody Coal Co. No. 58 .....	Christian	4	790, 296			790, 296
	Cleveland, Cincinnati, Chicago & St. Louis .....			2, 439, 273	915, 863		3, 355, 136
2-1	Bankston Creek Colliery No. 6 .....	Saline	11	391, 296	243, 525		634, 821
2-2	Blue Bird Coal Co. No. 5 .....	Saline	11	191, 100	50, 024		241, 124
2-1	Hillsboro Coal Co. ....	Montgomery	6	25, 878	11, 684		37, 562
2-1	Hillsboro Mining Co. ....	Montgomery	6	5, 673	1, 633		7, 306
2-3	Livingston-Mt. Olive Coal Co. ....	Madison	7	24, 664	11, 015		35, 679
2-3	Nokomis Coal Co. ....	Montgomery	6	225, 826	46, 215		272, 041
2-1	Norris City Coal Co. ....	White	11	3, 331			3, 331
2-1	Pana Coal Co. ....	Christian	4	408			408
2-2	Peabody Coal Co. No. 24 .....	Vermilion	5	121, 754	203, 612		325, 366
2-4	Peabody Coal Co. No. 43 .....	Saline	11	59, 333	72, 874		132, 207
2-5	Peabody Coal Co. No. 47 .....	Saline	11	506, 503	97, 399		603, 902
2-6	Penwell Coal Mining Co. ....	Christian	4	192			192
2-6	Rex Coal Co. No. 2 .....	Saline	11	125, 746			125, 746
2-7	Sahara Coal Co. No. 1 .....	Saline	11	219, 255	19, 345		238, 600
2-8	Sahara Coal Co. No. 3 .....	Saline	11	25, 317	2, 324		27, 641
2-9	Sahara Coal Co. No. 10 .....	Saline	11	79, 226	25, 714		104, 940
2-10	Sahara Coal Co. No. 12 .....	Saline	11	121, 624	20, 325		141, 949
2-2	Ubben Coal Co. ....	Tazewell	2	5, 939			5, 939
2-11	Wasson Coal Co. "A" .....	Saline	11	79, 528	73, 245		152, 773
2-12	Wasson Coal Co. No. 1 .....	Saline	11	226, 680	36, 929		263, 609
	Chicago & Northwestern .....			6, 398	2, 136, 480		2, 142, 878
2-2	Central State Colliery .....	Fulton	3		25, 108		25, 108
2-3	Dorthel Coal Co. No. 1 .....	Peoria	2		5, 151		5, 151
2-4	Dorthel Coal Co. No. 3 .....	Fulton	3		9, 891		9, 891
2-1	Midland Electric Coal Co. No. 1 .....	Henry	1		11, 217		11, 217
2-1	Spring Valley Coal Mining Co. ....	Bureau	1	6, 398			6, 398
2-6	Superior Coal Co. No. 1 .....	Macoupin	6		337, 815		337, 815
2-7	Superior Coal Co. No. 2 .....	Macoupin	6		412, 037		412, 037
2-8	Superior Coal Co. No. 3 .....	Macoupin	6		595, 455		595, 455
2-9	Superior Coal Co. No. 4 .....	Macoupin	6		739, 806		739, 806
	Chicago, Rock Island & Pacific .....			495, 367	1, 098, 451		1, 593, 818
2-1	Buffalo Rock Coal Co. ....	La Salle	1		96		21, 324
2-2	Central State Colliery .....	Fulton	3	21, 228	17, 825		17, 825
2-1	Crescent Mining Co. No. 1 .....	Peoria	2		431, 421		431, 421
2-2	Crescent Mining Co. No. 6 .....	Peoria	2		489, 024		489, 024
2-2	Illinois Zinc Co. No. 3 .....	La Salle	1	15, 994			15, 994
2-1	Midland Electric Coal Corp. No. 1 .....	Henry	1	338, 292	153, 812		492, 104
2-6	Mt. Olive & Staunton Coal Co. ....	Madison	7		3, 457		3, 457
2-1	Northeastern Illinois Coal Co. ....	Grundy	1	2, 207			2, 207
2-7	Southwestern Illinois Coal Corp. ....	Randolph	9		2, 816		2, 816
2-5	Osage Coal Co. ....	La Salle	1	19, 838			19, 838
2-1	Spring Valley Coal Mining Co. ....	Bureau	1	786			786
2-3	Union Coal Co. ....	La Salle	1	57, 783			57, 783
2-4	Wilmington Coal Mines, Inc. ....	La Salle	1	39, 239			39, 239
	Wabash .....			698, 366	676, 403		1, 374, 769
2-1	Consolidated Coal Co. No. 7 .....	Macoupin	6	142, 831	138, 845		281, 676
2-2	Consolidated Coal Co. No. 15 .....	Macoupin	6	206, 825	231, 454		438, 279
2-2	Mine B. Coal Co. ....	Sangamon	4	25, 857	37, 750		63, 607
2-6	Mt. Olive & Staunton Coal Co. ....	Madison	7		35, 182		35, 182
2-3	Panther Creek Mines, Inc. No. 4 .....	Sangamon	4	89, 109	36, 759		125, 868
2-4	Panther Creek Mines, Inc. No. 5 .....	Sangamon	4	9, 835	414		10, 249
2-2	Peabody Coal Co. No. 24 .....	Vermilion	5	65, 756	33, 657		99, 413
2-5	Peabody Coal Co. No. 53 .....	Sangamon	4	73, 708	108, 959		182, 667
2-6	Peabody Coal Co. No. 57 .....	Sangamon	4		11, 443		11, 443
2-5	Peabody Coal Co. No. 58 .....	Christian	4	75, 859	26, 750		102, 609
2-4	Tilton Mining Co. ....	Vermilion	5	8, 586	15, 190		23, 776



TABLE 27—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Chicago & Alton.....			736,918	280,121		1,017,039
S-9	Brewerton Co., The.....	Sangamon	4	113	940		1,053
S-9	Employees Group Jefferson Mine.....	Sangamon	4	1,980	4,520		6,500
S-10	Lincoln Liquidating Co., Inc.....	Macoupin	6	287	1,155		1,442
S-2	Mine B Coal Co.....	Sangamon	4	18,800	31,850		50,650
S-1	Northern Illinois Coal Corp. No. 10.....	Will	1	442,863	27,415		470,278
S-3	Panther Creek Mines, Inc. No. 4.....	Sangamon	4	128,360	56,657		185,017
S-4	Panther Creek Mines, Inc. No. 5.....	Sangamon	4	136,467	108,537		245,004
S-5	Peabody Coal Co. No. 53.....	Sangamon	4	2,823			2,823
S-10	Viriden Coal Co.....	Macoupin	4	4,025	49,047		53,072
S-2	Will County Coal Co.....	Grundy	1	1,200			1,200
	Elgin, Joliet & Eastern.....			555,967	434,644	2,330	992,941
S-1	United States Fuel Co. Bun.....	Vermillion	5	555,967	434,644	2,330	992,941
	Minneapolis & St. Louis.....			527,982	345,740		873,722
S-2	Central State Colliery.....	Fulton	3		12,340		12,340
S-3	Dorthel Coal Co. No. 1.....	Peoria	2	16,022	42,554		58,576
S-4	Dorthel Coal Co. No. 3.....	Fulton	3	20,955	10,260		31,215
S-5	Golden Rule Coal Co.....	Fulton	3	4,831	12,784		17,615
S-7	Midland Electric Coal Co. No. 2.....	Fulton	3	486,174	267,802		753,976
	Atchison, Topeka & Sante Fe.....			447,030	404,380		851,410
S-2	Central State Colliery.....	Fulton	3		195		195
S-1	Galesburg Mining Co.....	Knox	3	13,132	180,388		193,520
S-2	Little John Coal Co.....	Knox	3		1,170		1,170
S-1	Northern Illinois Coal Corp. No. 10.....	Will	1	431,309	222,627		653,936
S-1	Roanoke Coal & Tile Co.....	Woodford	2	1,734			1,734
S-2	W. G. Sutton.....	Woodford	2	855			855
	Illinois Terminal Co.....			617,974	149,094		767,068
S-2	Chicopee Coal Co.....	Madison	7	8,774			8,774
S-3	Gillespie Coal Co.....	Macoupin	6	109,282	126,584		235,866
S-5	Madison County Coal & Mining Co.....	Madison	7	173,626			173,626
S-3	F. C. Morgan Coal Co.....	Vermillion	5	18,907			18,907
S-3	Panther Creek Mines, Inc. No. 4.....	Sangamon	4	3,329			3,329
S-4	Panther Creek Mines, Inc. No. 5.....	Sangamon	4	3,535			3,535
S-5	Peabody Coal Co. No. 53.....	Sangamon	4	4,773			4,773
S-6	Peabody Coal Co. No. 57.....	Sangamon	4	101,478			101,478
S-10	Perry Coal Co. St. Ellen.....	St. Clair	8	138,109	22,510		160,619
S-11	Prairie Coal Co.....	St. Clair	8	46,630			46,630
S-5	Pyramid Coal Corp. No. 2.....	Vermillion	5	6,159			6,159
S-6	J. G. Skelton Coal Co.....	Vermillion	5	1,631			1,631
S-5	South Mine Co.....	Macoupin	6	741			741
S-5	South Mine Coal Co.....	Macoupin	6	1,000			1,000
	Chicago & Eastern Illinois.....			595,919	153,318		749,237
S-3	Chicago, Wilmington & Franklin Coal Co. No. 1.....	Franklin	10	18,223	790		19,013
S-4	Chicago, Wilmington & Franklin Coal Co. No. 2.....	Franklin	10	41,413	21,062		62,475
S-5	Frankfort Coal Co. No. 21.....	Franklin	10	8,788	2,933		11,721
S-1	Hillsboro Mining Co.....	Montgomery	6		526		526
S-2	Indiana & Illinois Coal Corp. No. 10.....	Montgomery	6	67,647	30,475		98,122
S-3	Livingston-Mt. Olive Coal Co.....	Madison	7	6,622	7,111		13,733
S-3	Nokomis Coal Co.....	Montgomery	6	116,092	40,893		156,985
S-1	Pana Coal Co.....	Christian	4	42			42
S-12	Peabody Coal Co. No. 18.....	Franklin	10	136,518	26,260		162,778
S-2	Peabody Coal Co. No. 24.....	Vermillion	5	108,575			108,575
S-8	Old Ben Coal Corp. No. 8.....	Franklin	10	20,700	9,745		30,445
S-11	Old Ben Coal Corp. No. 15.....	Franklin	10	21,389	48		21,437
S-5	Southern Illinois Coal Co. No. 21.....	Franklin	10	49,910	13,475		63,385
	Litchfield & Madison.....			436,897	11,415		448,312
S-1	Consolidated Coal Co. No. 7.....	Macoupin	6	1,154			1,154
S-6	Mt. Olive & Staunton Coal Co.....	Madison	7	435,743	11,415		447,158

TABLE 27—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Chicago Great Western.....				396,615		396,615
S-2	Central State Colliery.....	Fulton.....	3		1,410		1,410
S-3	Dorthel Coal Co. No. 1.....	Peoria.....	7		57,548		57,548
S-4	Dorthel Coal Co. No. 3.....	Fulton.....	7		1,120		1,120
S-6	Mt. Olive & Staunton Coal Co.....	Madison.....	9		3,965		3,965
S-13	Pyramid Coal Corp.....	Perry.....	9		251,517		251,517
S-14	United Electric Coal Cos. No. 9.....	Fulton.....	3		66,795		66,795
S-14	United Electric Coal Cos. No. 11.....	Perry.....	9		9,313		9,313
S-18	United Electric Coal Cos. No. 13.....	St. Clair.....	8		3,511		3,511
S-15	United Electric Coal Cos. No. 17.....	Fulton.....	3		1,436		1,436
	Galesburg & Great Eastern.....			385,837	2,850		388,687
S-2	Little John Coal Co.....	Knox.....	3	385,837	2,850		388,687
	Missouri & Illinois.....			77,379	258,010		335,389
S-16	Coulterville Coal Co.....	Perry.....	9	14,165	10,017		24,182
S-3	Ill-Mo Coal Co.....	Randolph.....	9	9,590	8,923		18,513
S-5	Moffat Coal Co.....	Randolph.....	9	53,624	229,530		283,154
S-6	St. Louis Coal Co.....	Randolph.....	9		9,540		9,540
	Springfield Terminal.....			291,744	20,811	588	313,143
S-5	Peabody Coal Co. No. 53.....	Sangamon.....	4	39			39
S-7	Peabody Coal Co. No. 59.....	Sangamon.....	4	291,705	20,811	588	313,104
	Pennsylvania.....			263,298	7,028		270,326
S-1	Bullock Mining Co.....	Madison.....	7	6,435			6,435
S-1	Illinois-Pocahontas Coal Co.....	Bond.....	7	25,052	6,578		31,630
S-4	Lumaghi Coal Co. No. 2.....	Madison.....	7	231,811	450		232,261
	New York, Chicago & St. Louis.....			144,315	117,935		262,250
S-2	Indiana & Illinois Coal Corp. No. 10.....	Montgomery.....	6	144,315	117,935		262,250
	St. Louis & O'Fallon.....			127,156	133,452	1,288	261,896
S-13	St. Louis & O'Fallon Coal Co. No. 2.....	St. Clair.....	8	127,156	133,452	1,288	261,896
	Mobile & Ohio.....			155,354	99,610		254,964
S-7	Southwestern Illinois Coal Corp.....	Randolph.....	9	155,354	99,610		254,964
	Chicago, Springfield & St. Louis.....			93,924	100,819		194,743
S-1	Central Illinois Mining Co. "A".....	Sangamon.....	4	69,293	98,919		168,212
S-2	Mine B Coal Co.....	Sangamon.....	4	19,737	1,900		21,637
S-3	Panther Creek Mines, Inc. No. 4.....	Sangamon.....	4	2,519			2,519
S-4	Panther Creek Mines, Inc., No. 5.....	Sangamon.....	4	2,287			2,287
S-5	Peabody Coal Co., No. 53.....	Sangamon.....	4	88			88
	Southern.....			150,319			150,319
S-16	Southern Coal, Coke & Mining Co., No. 6.....	St. Clair.....	8	16,669			16,669
S-17	Southern Coal, Coke & Mining Co., No. 7.....	St. Clair.....	8	83,706			83,706
S-3	Southern Coal, Coke & Mining Co., No. 9.....	Clinton.....	8	49,944			49,944
	Caseyville.....			97,387	44,831		142,218
S-5	Gundlach Coal Co.....	St. Clair.....	8	97,387	44,831		142,218
	Peoria & Eastern.....			116,144	5,627		121,771
S-3	F. C. Morgan Coal Co.....	Vermilion.....	5	116,144	5,627		121,771

TABLE 27—Continued.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Baltimore & Ohio.....			74,808	19,516		94,324
S-1	Beckemeyer Coal Co.....	Clinton	8	18,515			18,515
S-2	Citizens Coal Co.....	Clinton	8	23,541			23,541
S-1	Norris City Coal Co.....	White	11	13,290			13,290
S-1	Pana Coal Co.....	Christian	4	1,315			1,315
S-3	Panther Creek Mines, Inc., No. 4.....	Sangamon	4	2,949			2,949
S-4	Panther Creek Mines, Inc., No. 5.....	Sangamon	4	1,754			1,754
S-5	Peabody Coal Co., No. 53.....	Sangamon	4	175			175
S-6	Peabody Coal Co., No. 57.....	Sangamon	4	9,167			9,167
S-6	Penwell Coal Mining Co.....	Christian	4	1,217			1,217
S-9	Perry Coal Co., Carbon.....	St. Clair	8	2,885	19,516		22,401
	Louisville & Nashville.....			20,524	22,673	21,340	64,537
S-2	Clarkson Coal & Mining Co.....	Washington	9	6,847	22,673	21,340	50,860
S-21	Mascoutah Coal Mining Co.....	St. Clair	8	8,696			8,696
S-14	Service Coal Co.....	St. Clair	8	1,231			1,231
S-20	White Coal Co.....	St. Clair	8	3,750			3,750
	Belt Railway.....				54,662		54,662
S-1	Hillsboro Coal Co.....	Montgomery	6		790		790
S-1	Midland Electric Coal Corp., No. 1.....	Henry	1		9,460		9,460
S-1	Northern Illinois Coal Corp., No. 10.....	Will	1		12,402		12,402
S-4	Tilton Mining Co.....	Vermilion	5		13,362		13,362
S-14	United Electric Coal Cos., No. 9.....	Fulton	3		14,564		14,564
S-14	United Electric Coal Cos., No. 11.....	Perry	9		699		699
S-18	United Electric Coal Cos., No. 13.....	St. Clair	8		2,497		2,497
S-15	United Electric Coal Cos., No. 17.....	Fulton	3		888		888
	Peoria & Pekin Union.....			10,540	40,010		50,550
S-1	Crescent Mining Co., No. 1.....	Peoria	2		9,321		9,321
S-2	Crescent Mining Co., No. 6.....	Peoria	2		2,805		2,805
S-3	Dorthel Coal Co., No. 1.....	Peoria	2		350		350
S-1	Lake Erie Mining Co.....	Tazewell	2	10,540	27,534		38,074
	Chicago, Milwaukee & St. Paul.....			17,260	21,840		39,100
S-2	Central State Colliery.....	Fulton	3		11,090		11,090
S-1	Lincoln City Coal Co., Inc.....	Edgar	5	17,260	9,490		26,750
S-14	United Electric Coal Cos., No. 9.....	Fulton	3		1,260		1,260
	Peoria Terminal Co.....			28,338	3,799		32,137
S-1	Crescent Mining Co., No. 1.....	Peoria	2	1,271	1,838		3,109
S-2	Crescent Mining Co., No. 6.....	Peoria	2	27,067	1,961		29,028
	Putnam County Railroad.....			24,573	688	496	25,757
S-1	Prairie State Coal Co.....	Putnam	1	24,573	688	496	25,757
	St. Louis & San Francisco.....				17,350		17,350
S-6	Mt. Olive & Stanton Coal Co.....	Madison	7		1,672		1,672
S-7	Southwestern Illinois Coal Corp.....	Randolph	9		15,407		15,407
S-14	United Electric Coal Cos., No. 11.....	Perry	9		271		271
	Terminal Railroad Assn.....				14,045		14,045
S-16	Coulterville Coal Co.....	Perry	9		13,558		13,558
S-16	Southern Coal, Coke & Mining Co., No. 6.....	St. Clair	8		83		83
S-17	Southern Coal, Coke & Mining Co., No. 7.....	St. Clair	8		105		105
S-3	Southern Coal, Coke & Mining Co., No. 9.....	Clinton	8		299		299
	C. W. P. & S.....				12,021		12,021
S-2	Central State Colliery.....	Fulton	3		12,021		12,021

TABLE 27—Concluded.

Mine index number.	Railroad and mines served.	County.	District.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
	Illinois Northern .....				10,685		10,685
S-2	Central State Colliery .....	Fulton	3		9,753		9,753
S-14	United Electric Coal Cos., No. 11 .....	Perry	9		932		932
	Toledo, Peoria & Western .....			915	9,644		10,559
S-1	Blakley Coal Co. ....	Fulton	3		2,486		2,486
S-2	Central State Colliery .....	Fulton	3		7,158		7,158
S-8	Peterson Coal Co. ....	Fulton	3	307			307
S-11	Reed Mine .....	Fulton	3	608			608
	Alton & Southern .....				6,350		6,350
S-8	Marissa Coal Co. ....	St. Clair	8		451		451
S-6	Mt. Olive & Staunton Coal Co. ....	Madison	7		2,762		2,762
S-7	Southwestern Illinois Coal Corp. ....	Randolph	9		795		795
S-14	United Electric Coal Cos., No. 9 .....	Fulton	3		1,508		1,508
S-18	United Electric Coal Cos., No. 13 .....	St. Clair	8		834		834
	B. R. C. ....				4,561		4,561
S-4	Pinckneyville Mining Co., No. 5 .....	Perry	9		4,561		4,561
	Tri City Railroad .....				313		313
S-2	Central State Colliery .....	Fulton	3		313		313
	The State .....			27,930,937	14,291,416	97,156	42,319,509

TABLE 28—RAILROADS HANDLING THE COAL OF SHIPPING MINES.

Railroads.	Number of		Total tons handled by railroads.	Tons shipped.	Tons sold to railroads.	Tons supplied to locomotives.	Per Cent handled by each railroad.
	Counties.	Mines.					
The State.....	31	168	42,319,509	27,930,937	14,291,416	97,156	100.0
Illinois Central.....	16	61	8,471,094	6,688,904	1,711,076	71,114	20.03
Chicago, Burlington & Quincy.....	32	7	7,049,400	4,743,132	2,306,268	—	16.66
Missouri Pacific.....	27	4	4,559,644	2,814,525	1,745,119	—	10.77
Chicago & Illinois Midland.....	2	7	4,543,769	4,046,470	497,299	—	10.74
Cleveland, Cincinnati, Chicago & St. Louis.....	7	19	3,355,136	2,439,273	915,863	—	7.93
Chicago & Northwestern.....	9	2	2,142,878	6,398	2,136,480	—	5.06
Chicago, Rock Island & Pacific.....	13	1	1,593,818	495,367	1,098,451	—	3.77
Wabash.....	11	1	1,374,769	698,366	676,403	—	3.25
Chicago & Alton.....	4	8	1,017,039	736,918	280,121	—	2.40
Elgin, Joliet & Eastern.....	1	1	992,941	555,967	434,644	2,330	2.35
Minneapolis & St. Louis.....	5	5	873,722	527,982	345,740	—	2.06
Atchison, Topeka & Santa Fe.....	6	4	851,410	447,030	404,380	—	2.01
Illinois Terminal Co.....	13	13	767,068	617,974	149,094	—	1.81
Chicago & Eastern Illinois.....	13	13	749,237	595,919	153,318	—	1.77
Litchfield & Madison.....	2	2	448,312	436,897	11,415	—	1.06
Chicago Great Western.....	9	3	396,615	—	396,615	—	.94
Galesburg & Great Eastern.....	1	1	388,687	385,837	2,850	—	.92
Missouri & Illinois.....	4	4	335,389	77,379	258,010	—	.79
Springfield Terminal.....	1	2	313,143	291,744	20,811	588	.74
Pennsylvania.....	3	3	270,326	263,298	7,028	—	.64
New York, Chicago & St. Louis.....	1	1	262,250	144,315	117,935	—	.62
St. Louis & O'Fallon.....	1	1	261,896	127,156	133,452	1,288	.62
Mobile & Ohio.....	1	1	254,964	155,354	99,610	—	.60
Chicago, Springfield & St. Louis.....	1	5	194,743	93,924	100,819	—	.46
Southern.....	3	3	150,319	150,319	—	—	.35
Caseyville.....	1	1	142,218	97,387	44,831	—	.33
Peoria & Eastern.....	1	1	121,771	116,144	5,627	—	.29
Baltimore & Ohio.....	5	10	94,324	74,808	19,516	—	.22
Louisville & Nashville.....	2	4	64,537	20,524	22,673	21,340	.15
Belt Railway.....	8	8	54,662	—	54,662	—	.13
Peoria & Pekin Union.....	2	4	50,550	10,540	40,010	—	.12
Chicago, Milwaukee & St. Paul.....	2	3	39,100	17,260	21,840	—	.09
Peoria Terminal Co.....	1	2	32,137	28,338	3,799	—	.08
Putnam County Railroad.....	1	1	25,757	24,573	688	496	.07
St. Louis & San Francisco.....	3	3	17,350	—	17,350	—	.05
Terminal Railroad Assn.....	3	4	14,045	—	14,045	—	.03
C. W. P. & S.....	1	1	12,021	—	12,021	—	.03
Illinois Northern.....	2	2	10,685	—	10,685	—	.02
Toledo, Peoria & Western.....	1	4	10,559	915	9,644	—	.02
Alton & Southern.....	4	5	6,350	—	6,350	—	.01
B. R. C.....	1	1	4,561	—	4,561	—	.01
Tri City Railroad.....	1	1	313	—	313	—	—

## SPECIAL PREPARATION PLANTS.

Name of Operator.	Address	Type and make of machine	Tonnage prepared.
Bankston Creek Collieries	Carrier Mills	Washer	
Bell & Zoller Coal & Mining Co., No. 1	Zeigler	Chance Cone	
Bell & Zoller Coal & Mining Co., No. 2	Zeigler	Chance Cone	
Blue Bird Coal Co., No. 5	Carrier Mills	Deduster	
Carter Processing Plant	Kincaid		126, 250
Central States Collieries, Inc.	St. David	Norton washer	180 tons per hour.
Chicago, Wilmington & Franklin Coal Co., No. 1	Orient	Deduster	89, 976.
Chicago, Wilmington & Franklin Coal Co., No. 2	West Frankfort	Deduster	384, 504.
Consolidated Coal Co., No. 7	Staunton	Jig type	307, 713.
Consolidated Coal Co., New Monarch No. 7	Herrin	Rescreener	All 3" and under
Consolidated Coal Co., No. 15	Mount Olive	Chemically treated, oiled and sprayed	
Crerar Clinch Coal Co. No. 14	DuQuoin	Norton-McNally	108, 139.
Delta Coal Mining Co.	Marion	Wet washer	284, 240.
Franco Mining Corp., No. 1	Johnston City	Rescreener	55, 604.
Franklin County Coal Corp., No. 5	Herrin	Deduster with vibrating screens	
Franklin County Coal Corp., No. 7	Royalton	Rescreener for coal minus 2"	
Little John Coal Co., No. 5	Victoria	Jeffrey Automatic	
Lumaghi Coal Company, No. 2	Collinsville	Baum Jig washer	487, 529.
		Jeffrey Diaphragm Jig water-washer for 3½" minus	79, 675.
Marion County Coal Co.	Centralia	Menzie hydro	68, 259.
Midland Electric Coal Corp., No. 1	Atkinson	Montgomery multiplus wash boxes for minus 3"; Koppers-Rheolaundry for minus 3/16"	
Midland Electric Coal Corp., No. 2	Farmington	Link-Belt Simon carves wash boxes for minus 4" coal; Koppers-Rheolaundry for minus 1/16" x 1/32" coal; Bixby dryer for minus ½" coal	
Moffat Coal Co.	Sparta	Link-Belt washer	200 tons per hour.
Northern Illinois Coal Corp., No. 10	Wilmington	Koppers Rheolaveur	975, 315.
Old Ben Coal Corp., No. 8	West Frankfort	Automatic chloride washers	14, 453.
Old Ben Coal Corp., No. 11	Coello	Automatic chloride washers	135, 423.
Old Ben Coal Corp., No. 14	Buckner	Automatic chloride washers	124, 325.
Old Ben Coal Corp., No. 15	West Frankfort	Automatic chloride washers	49, 430.
Peabody Coal Co., No. 14	DuQuoin	Norton-McNally	216, 233.
Peabody Coal Co., No. 18	West Frankfort	Washer	200 tons per hour.
Peabody Coal Co., No. 47	Harco	Deduster and washer	468, 776.
Peabody Coal Co., No. 53	Springfield	Jeffrey FB2 Vibrator screen, No. 1 and No. 2 R & H dustalators	
Peabody Coal Co., No. 57	Springfield	1 vibrator and 4 dustalators	
Rex Coal Co., No. 2	Eldorado	Deduster	400 tons daily.
Sahara Coal Co., No. 1	Harrisburg	Deduster	
Sahara Coal Co., No. 3	Harrisburg	Deduster	
St. Louis Coal Co.	Coulterville	Deduster and oil treating plant	
Southern Coal, Coke & Mining Co.	East St. Louis	Washer	94, 129
Southwestern Illinois Coal Corp.	Percy	Norton washer	
Truax-Traer Coal Co., No. 2	Elkville	Rescreening plant	
Union Colliery Co.	Dovell	Air cleaning plant	20, 678.
United Electric Coal Co., No. 11	DuQuoin	Koppers Rheolaveur washer	788, 343.
United Electric Coal Co., No. 17	Canton	Koppers Rheolaveur washer	29, 121.
Universal Coal Washing Co.	Pinckneyville	Norton washer	527, 938.
West Side Coal Co.	Marissa	Jeffrey Diaphragm Jig	50 tons per hour.

TABLE 29—METHODS OF MINING—NUMBER OF MINES, MACHINES AND TONS BY EACH METHOD—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Machine exclusively.			Hand exclusively.		Hand and machine.			Strip mines.	
	Mines.	Machines.	Tons.	Mines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
First.....	1	5	154,819	2	142,898	2	7	96,549	7	2,058,378
Second.....	6	60	1,238,043	1	55,385	1	2	17,599	-----	-----
Third.....	4	12	259,796	1	676	2	19	279,089	8	3,158,868
Fourth.....	47	5,785	669	6	1,201,892	1	1	95,333	-----	-----
Fifth.....	3	65	1,813,118	1	4,901	1	3	56,122	3	181,707
Sixth.....	13	78	4,433,863	-----	-----	-----	-----	-----	-----	-----
Seventh.....	7	38	1,581,895	-----	-----	2	6	82,796	-----	-----
Eighth.....	9	45	1,262,738	12	732,327	1	2	43,401	1	235,715
Ninth.....	9	89	2,702,192	9	163,829	3	3	69,432	5	4,159,178
Tenth.....	13	207	10,108,267	-----	-----	-----	-----	-----	-----	-----
Eleventh.....	11	178	2,706,787	-----	-----	-----	-----	-----	-----	-----
Twelfth.....	7	40	1,759,762	3	27,424	-----	-----	-----	5	595,028
Total.....	90	884	33,816,349	35	2,329,332	13	43	740,321	30	11,176,074
Local mines.....	87	137	1,602,986	672	1,784,886	29	36	432,511	64	549,796
The State.....	177	1,021	35,419,335	707	4,114,218	42	79	1,172,832	94	11,725,870

TABLE 30—UNDERGROUND HAULAGE IN SHIPPING MINES—BY DISTRICTS.

District.	Motors only.			Mules only.			Motors and mules.			
	Number of—			Number of—			Number of—			
	Mines.	Motors.	Tons hauled.	Mines.	Mules.	Tons hauled.	Mines.	Motors.	Mules.	Tons hauled.
First.....	-----	-----	-----	3	78	233,568	2	4	77	160,698
Second.....	-----	-----	-----	-----	-----	-----	8	25	149	1,311,027
Third.....	-----	-----	-----	2	5	24,470	5	14	73	515,091
Fourth.....	4	128	4,582,443	-----	-----	-----	10	42	245	2,499,851
Fifth.....	-----	-----	-----	2	7	61,023	3	64	39	1,813,118
Sixth.....	8	158	3,856,682	1	4	13,794	4	9	42	573,387
Seventh.....	12	17	273,892	1	7	31,039	6	42	78	1,359,760
Eighth.....	1	11	81,694	-----	-----	-----	21	61	132	1,956,772
Ninth.....	2	49	1,267,308	10	31	153,512	9	44	88	1,514,633
Tenth.....	12	379	9,539,013	-----	-----	-----	1	7	36	569,254
Eleventh.....	7	128	1,968,425	-----	-----	-----	4	53	100	738,362
Twelfth.....	3	37	980,759	3	5	27,424	4	16	21	779,003
Total.....	39	907	22,550,216	22	137	514,830	77	381	1,089	13,790,956



TABLE 31—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT; NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED AND TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES—BY YEARS, 1907-1937.

Year.	Mines operated.	Total tons mined.	Mined in strip mine				Machine mining.				Motor Hauling			
			Number of—		Per cent of—		Number of—		Per cent of—		Number of—		Per cent of—	
			Mines.	Tons mined.	Mines	Tons mined.	Mines using.	Machines used.	Tons undercut.	Mines using.	Tons undercut.	Mines using.	Motors used.	Tons hauled.
1907	411	46,436,839	—	—	—	—	101	1,105	14,490,454	24.6	31.2	75	129	16,542,575
1908	407	47,809,730	—	—	—	—	105	1,160	15,210,443	25.7	31.8	88	185	19,024,665
1909	384	47,958,562	—	—	—	—	107	1,246	16,407,692	27.9	34.2	96	210	21,892,462
1910	390	47,225,201	—	—	—	—	114	1,289	18,176,254	29.2	38.5	106	229	23,204,480
1911	387	48,758,657	1	45,153	—	—	126	1,430	19,998,259	32.6	41.0	137	316	29,510,173
1912	380	56,096,695	5	53,762	1.3	—	129	1,381	25,550,059	34.4	45.5	165	381	37,958,050
1913	371	60,515,416	4	117,790	1.1	—	140	1,689	30,228,520	38.1	50.0	185	466	46,194,737
1914	340	59,379,182	4	181,520	1.2	—	141	1,828	31,446,823	41.2	53.1	191	540	47,485,729
1915	280	56,172,556	8	195,486	1.7	—	131	1,686	34,057,426	47.1	60.8	173	604	47,238,554
1916	284	62,283,236	8	344,372	1.1	—	139	1,817	39,312,376	49.9	63.5	176	648	53,140,005
1917	324	77,412,054	5	419,475	1.5	—	151	1,920	47,232,880	47.3	61.3	200	774	67,196,786
1918	370	88,306,228	4	498,347	1.1	—	174	2,054	50,027,491	47.5	57.0	240	960	77,662,619
1919	373	73,751,721	3	393,894	1.2	—	193	2,124	42,993,172	53.8	58.6	259	1,114	66,686,930
1920	373	72,409,610	3	367,009	1.2	—	208	2,330	45,130,629	56.2	62.6	276	1,228	66,441,191
1921	389	78,339,082	3	437,006	1.2	—	235	2,760	50,243,470	60.9	64.5	280	1,406	71,329,567
1922	352	61,406,093	5	533,923	1.4	—	205	2,762	41,168,621	59.1	69.3	242	1,364	55,028,080
1923	374	73,410,837	6	895,608	1.6	—	241	3,049	51,057,868	65.5	70.4	285	1,547	70,863,815
1924	329	70,324,363	11	1,184,288	3.3	—	215	3,033	50,064,304	67.6	72.5	259	1,565	65,900,698
1925*	255	100,012,299	18	4,722,597	7.1	—	165	2,540	74,826,357	69.6	78.5	195	1,360	92,185,121
1926	244	67,836,441	16	3,482,611	6.6	—	149	2,259	50,736,684	65.4	78.8	182	1,288	61,486,775
1927	241	44,926,433	15	2,756,410	6.2	—	151	2,397	32,681,281	66.8	77.5	180	1,250	40,144,446
1928	206	54,284,184	14	4,113,908	6.8	—	139	2,158	41,499,267	72.4	82.7	158	1,182	49,007,549
1929	200	59,075,995	17	5,250,501	8.5	—	139	1,989	45,907,457	76.0	85.3	156	1,281	52,426,315
1930	185	51,996,608	15	6,220,336	8.1	—	129	1,606	40,015,407	75.9	87.2	133	1,201	41,181,378
1931	167	43,073,058	16	6,548,798	9.6	—	111	1,385	32,587,944	73.5	89.2	123	1,205	35,450,159
1932	162	31,402,399	17	6,628,228	10.5	—	102	1,144	22,165,199	70.3	89.5	124	1,117	24,357,088
1933	159	35,390,677	20	5,599,006	12.6	—	94	1,014	26,972,132	67.6	90.5	117	1,044	29,459,870
1934	172	38,655,527	26	6,008,218	15.1	—	101	1,042	29,395,102	58.7	90.0	124	1,156	32,378,082
1935	182	41,410,414	28	7,481,349	15.4	—	103	1,011	30,857,109	66.9	90.0	122	1,137	33,686,091
1936	176	47,285,587	30	8,873,229	17.0	—	108	1,062	35,827,656	74.0	93.3	123	1,240	37,950,347
1937	168	48,062,076	30	11,176,074	17.8	—	103	927	34,031,392	61.3	92.3	116	1,288	36,341,172

\* July 1, 1924 to December 31, 1925.



TABLE 32—EXPLOSIVES USED IN STRIP MINES—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Tons mined by use of explosives.	Explosives used.				Tons mined where no explosives were used.	Total tons in strip mines.
		Powder—kegs.	Permis-sibles—pounds.	Pellet powder—pounds.	Dyna-mite—pounds.		
First.....	1,898,001		3,000	82,700	278,200	160,377	2,058,378
Second.....							
Third.....	1,901,389	2,621	117,300	22,600	1,150	1,257,475	3,158,864
Fourth.....							
Fifth.....	181,707			10,800			181,707
Sixth.....							
Seventh.....							
Eighth.....	235,715			26,550	19,900	1,036	236,771
Ninth.....	4,159,178		56,550	270,500	11,818		4,159,178
Tenth.....						380	380
Eleventh.....	651,906				693,206	135,294	787,200
Twelfth.....	595,028			47,550	100		595,028
Total.....	9,622,924	2,621	176,850	460,700	995,356	1,554,579	11,177,506
Local mines.....	353,813	199		90,500	5,300	114,208	468,021
The State.....	9,976,737	2,820	176,850	551,200	1,000,656	1,668,787	11,645,527

TABLE 33—EXPLOSIVES USED IN LOCAL MINES—BY DISTRICTS.

District.	Kind of explosive.				Tons mined by—			Total tons.
	Powder—kegs.	Pellet powder—pounds.	Dyna-mite—pounds.	Permis-sibles—pounds.	Machine.	Hand.	Strip.	
First.....	9,509	64,975	2,960	5,000	97,827	218,376	205,170	521,373
Second.....	17,343	83,825	55	25	378,615	183,663		562,278
Third.....	18,263	75,452	3,000		272,247	308,004	33,044	613,295
Fourth.....	16,076	82,350			160,613	261,239		421,852
Fifth.....	10,893	36,764	1,050	29,154	257,133	168,971	1,315	427,419
Sixth.....	925	24	50		1,011	26,728		27,739
Seventh.....	3,058	18,000			346,493	18,738		365,231
Eighth.....	14,554	103,125			69,802	400,088	218,268	688,158
Ninth.....	3,946	22,450			94,146	62,321	68,181	224,648
Tenth.....							380	380
Eleventh.....	1,491	14,920			41,539	27,132	12,225	80,896
Twelfth.....	11,166	88,866			173,265	252,432	11,213	436,910
Total.....	107,224	590,751	7,115	34,179	1,892,691	1,927,692	549,796	4,370,179

TABLE 34—SHIPPING MINES USING MECHANICAL LOADING DEVICES.

Number.	Name of operator.	District.	Loading machines.			Pit car loaders and conveyors.			Hand loading.		
			Total tonnage produced.	Number in use.	Machine Shifts Used	Tonnage loaded.	Number in use.	Machine Shifts Used	Tonnage loaded.	Men employed.	Days worked.
1	Bell & Zoller Coal Mining Co., No. 1	10	19	2,964	1,054,860						
2	Bell & Zoller Coal Mining Co., No. 2	10	20	4,100	1,105,554						
3	Blue Bird Coal Co., No. 5, St.	11	2	240	114,830						
4	Centralia Coal Co., No. 5	9	7	798	219,070	2	130	13,491			
5	Chicago, Wilmington & Franklin Coal Co., No. 1	10	16	2,672	854,797						
6	Chicago, Wilmington & Franklin Coal Co., No. 2	10	35	5,811	1,526,587	14	1,050	35,756			
7	Consolidated Coal Co., No. 7	6	8	1,414	346,656						
8	Consolidated Coal Co., No. 15	6	13	1,729	496,108				45	135	42,460
9	Consolidated Coal Co., New Monarch	12	11	2,101	623,072				304	67	44,021
10	Crescent Mining Co., No. 14	9	4	268	190,258				167	197	321,097
11	Crescent Mining Co., No. 1	12	3	694	126,811						
12	Franklin County Coal Co., No. 1	10	10	1,720	418,928	49	8,575	283,320			
13	Franklin County Coal Co., No. 5	10	7	1,099	524,715	8	1,376	64,338	10	175	14,664
14	Franklin County Coal Co., No. 7	10	7	1,099	524,715	11	1,727	59,546	27	172	85,988
15	Freeman Coal Mining Co.	12	273,970	596	195,451				40	172	39,891
16	Gillespie Coal Co.	6	2	268	33,465	13	7,056	273,970	100	149	91,824
17	Grover Coal Co.	8	2	258	33,465				30	83	32,200
18	Gundlach Coal Co.	8	6	1,116	182,002						
19	Hillsboro Coal Co.	6				30	2,310	60,304			
20	Hillsboro Mining Co.	6				18	630	18,309			
21	Indiana & Illinois Coal Corp., No. 10	6				6	792	68,431			
22	Ill-Mo Coal Co.	9	9	1,118	314,356	5	900	22,875			
23	Illinois-Pecanontas Coal Co.	7	1	28	5,113				52	62	46,644
24	Lumaghi Coal Co., No. 2	1	1	81	17,243	57	17,477	348,365	34	152	38,801
25	MacLaren Coal Co., No. 2	12	1								
26	Madison County Coal Co.	7	4	953	155,321	3	528	71,075	90	176	74,214
27	Madison County Coal & Mining Co.	7	7	1,106	252,950				40	103	25,539
28	Marion County Coal Co.	9	5	2,968	226,315				12	158	16,975
29	Moffat Coal Co.	9	12	2,268	531,737				35	183	71,415
30	Mt. Olive & Staunton Coal Co.	7	2	96	14,661	1	1	2,219	60	98	26,521
31	Mulberry Hill Coal Co.	8	2	136	25,081				36	34	13,045
32	New National Coal Mining Co.	8	2	1,348	467,138						
33	Nokomis Coal Co.	6	6	1,974	339,610	42	6,300	253,302			
34	Old Ben Coal Corp., No. 8	10	6	1,048	421,183	5	1,887	67,928			
35	Old Ben Coal Corp., No. 11	10	6	1,724	314,701	39	8,700	353,197			
36	Old Ben Coal Corp., No. 14	10	4	569	247,175	57	9,804	416,834			
37	Old Ben Coal Corp., No. 15	10									

38	Peabody Coal Co., No. 7	4	1,216,027	16	3,312	1,203,444	1	192	12,583	16	197	26,760
39	Peabody Coal Co., No. 8	4	1,198,737	13	2,501	1,171,977	5	304	27,780	65	124	183,779
40	Peabody Coal Co., No. 9	4	1,201,219	15	3,045	1,173,439	4	496	16,041	5	172	8,396
41	Peabody Coal Co., No. 14	9	444,853	8	992	244,433	5	304	27,780	65	124	183,779
42	Peabody Coal Co., No. 18	10	670,070	15	2,700	670,070	22	3,784	114,197	5	172	8,396
43	Peabody Coal Co., No. 24	5	654,715	15	2,580	632,122	22	3,784	114,197	5	172	8,396
44	Peabody Coal Co., No. 43	8	148,432	8	632	134,936	27	295	396,535	27	295	13,496
45	Peabody Coal Co., No. 47	11	675,469	7	812	192,332	71	11,005	427,701	109	169	483,137
46	Peabody Coal Co., No. 53	4	415,814	2	310	19,276	56	5,992	427,701	109	169	483,137
47	Peabody Coal Co., No. 57	4	430,408	3	82	22,707	56	5,992	427,701	109	169	483,137
48	Peabody Coal Co., No. 58	4	996,400	13	3,146	996,400	71	8,875	317,133	109	169	483,137
49	Peabody Coal Co., No. 59	4	336,404	2	63	19,271	13	8,875	317,133	109	169	483,137
50	Perry Coal Co., Carbon	8	34,787	7	1,308	379,369	13	8,875	317,133	109	169	483,137
51	Perry Coal Co., St. Ellen	8	379,369	7	1,308	379,369	13	8,875	317,133	109	169	483,137
52	Rex Coal Co., No. 2	11	450,313	9	1,728	357,120	8	1,536	95,193	350	90	242,747
53	Sahara Coal Co., No. 1	11	253,421	5	85	10,674	8	1,536	95,193	350	90	242,747
54	Sahara Coal Co., No. 3	11	36,128	10	190	36,128	4	556	21,872	21	139	14,937
55	St. Louis Coal Co.	9	216,257	6	834	179,448	4	556	21,872	21	139	14,937
56	St. Louis Coal Co.	9	270,974	5	1,132	270,974	4	556	21,872	21	139	14,937
57	St. Louis & O'Fallon Coal Co.	8	316,102	5	888	200,144	4	556	21,872	21	139	14,937
58	Seymour Coal Mining Co.	12	186,003	11	2,069	186,003	144	32,222	761,786	72	148	106,938
59	Southern Coal, Coke & Mining Co., No. 7	8	116,221	3	444	116,221	144	32,222	761,786	72	148	106,938
60	Southern Illinois Coal Co., No. 21	10	116,221	3	444	116,221	144	32,222	761,786	72	148	106,938
61	Superior Coal Co., No. 1	6	354,389	5	482	108,885	67	9,859	245,504	201	201	866,808
62	Superior Coal Co., No. 2	6	432,831	7	489	107,651	118	12,463	325,180	201	201	866,808
63	Superior Coal Co., No. 3	6	614,987	8	1,943	614,987	118	12,463	325,180	201	201	866,808
64	Superior Coal Co., No. 4	6	761,786	8	1,943	614,987	118	12,463	325,180	201	201	866,808
65	Union Colliery Co.	9	1,033,856	20	3,180	1,033,856	144	32,222	761,786	72	148	106,938
66	United States Fuel Co., Bun	5	1,013,114	3	301	87,018	16	2,040	59,288	752	201	866,808
67	Valley Coal Co.	10	1,109,706	25	3,598	1,109,706	16	2,040	59,288	752	201	866,808
68	Wallace Coal Co.	12	124,244	3	507	124,244	16	2,040	59,288	752	201	866,808
69	Wasson Coal Co., No. 1	11	385,832	10	2,005	385,832	16	2,040	59,288	752	201	866,808
69	White Coal Co.	8	56,189	2	408	56,189	16	2,040	59,288	752	201	866,808
Total		--	31,306,679	496	80,750	23,106,804	990	159,477	5,207,498	2,685	135	2,932,317

TABLE 35—MECHANICAL LOADING FOR TEN YEARS—1928-1937.

Year.	Entire output.			Part of output.			Total.			Per cent of—	
	Mines.	Ma- chines.	Tons loaded.	Mines.	Ma- chines.	Tons loaded.	Mines.	Ma- chines.	Tons loaded.	Mines.	Tons loaded.
1928.....	17	177	2,299,720	37	815	4,442,434	54	992	6,742,154	26.2	12.4
1929.....	22	603	5,882,615	51	1,525	11,947,755	73	2,128	17,830,368	36.5	30.2
1930.....	31	1,307	13,839,912	38	931	9,665,969	69	2,238	23,249,881	37.3	44.7
1931.....	36	1,504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
1932.....	41	1,702	10,899,555	27	578	4,513,101	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935.....	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9
1936.....	37	1,210	18,540,558	27	363	6,664,612	64	1,573	25,205,170	36.4	53.3
1937.....	42	1,127	21,192,003	27	329	7,182,359	69	1,456	28,374,362	41.1	59.0

TABLE 36—METHOD OF LOADING IN SHIPPING MINES FOR TEN YEARS—1928-1937.

Year.	Loading machines.			By hand.		Strip mines.		Per cent of output loaded.		
	Mines.	Ma- chines.	Tons loaded.	Mines.	Tons loaded.	Mines.	Tons loaded.	By ma- chine.	By hand.	Strip mines.
1928.....	54	992	6,742,154	137	43,298,013	15	4,244,017	12.4	79.8	7.8
1929.....	73	2,128	17,830,368	160	35,995,126	17	5,250,501	30.2	60.9	8.9
1930.....	69	2,238	23,249,881	139	22,526,391	15	6,220,336	44.7	43.3	12.0
1931.....	74	2,420	22,445,782	114	14,078,400	16	6,548,798	52.1	32.7	15.2
1932.....	68	2,280	15,412,656	104	9,361,515	17	6,628,228	49.1	29.8	21.1
1933.....	51	1,752	17,766,216	88	12,025,455	20	5,599,006	50.2	34.0	15.8
1934.....	48	1,621	18,600,174	98	14,047,135	26	6,008,218	48.1	36.3	15.6
1935.....	54	1,626	20,651,707	100	13,277,358	28	7,481,349	49.9	32.1	18.0
1936.....	64	1,573	25,205,170	82	13,207,188	30	8,873,229	53.3	28.0	18.7
1937.....	69	1,456	28,374,362	69	8,511,640	30	11,176,074	59.0	17.7	23.3

TABLE 37.—PHYSICAL AND MECHANICAL CHARACTERISTICS OF SHIPPING MINES.

Mine index.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Num-ber of seam.	Thick-ness of seam in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long-wall or pillar and room.	Mining. Haulage. Hoisting. Loading.				Open or closed lights.	Is mine rock dusted?	
									Hand, machine or both.	Motor, mule or both.	Steam or electric.	Hand, machine or both.			
BOND COUNTY—SEVENTH DISTRICT.															
S-1	Illinois Pocahontas Coal Co.	Pocahontas	51,757	6	7' 0"	Shaft	420 P. R.		Both	Both	Steam	Both	Open	No	
BUREAU COUNTY—FIRST DISTRICT.															
S-1	Spring Valley Coal Mining Co.	Spring Valley	57,207	2	3' 0"	Shaft	456 L. W.		Hand	Mule	Steam	Hand	Open	No	
CHRISTIAN COUNTY—FOURTH DISTRICT.															
S-1	Pana Coal Co., No. 1	Pana	65,822	6	7' 0"	Shaft	721 P. R.		Hand	Both	Steam	Hand	Open	No	
S-2	Peabody Coal Co., No. 7	Kineaid	1,216,027	6	6' 6"	Shaft	360 P. R.		Machine	Motor	Electric	Both	Both	Yes	
S-3	Peabody Coal Co., No. 8	Kineaid	1,198,737	6	6' 6"	Shaft	370 P. R.		Machine	Motor	Electric	Both	Both	Yes	
S-4	Peabody Coal Co., No. 9	Taylorville	1,201,219	6	7' 0"	Shaft	417 P. R.		Machine	Motor	Electric	Machine	Both	Partly	
S-5	Peabody Coal Co., No. 58	Taylorville	966,400	6	7' 0"	Shaft	446 P. R.		Machine	Motor	Steam	Machine	Open	Yes	
S-6	Penwell Coal Mining Co.	Pana	95,353	6	7' 6"	Shaft	732 P. R.		Both	Both	Steam	Hand	Open	No	
CLINTON COUNTY—EIGHTH DISTRICT.															
S-1	Beckemeyer Coal Co.	Beckemeyer	93,504	6	7' 6"	Shaft	450 P. R.		Hand	Both	Steam	Hand	Open	No	
S-2	Citizens Coal Co.	Breese	89,215	6	7' 0"	Shaft	435 P. R.		Machine	Both	Steam	Hand	Open	No	
S-3	Southern Coal, Coke & Mining Co., No. 9	New Baden	81,694	6	6' 6"	Shaft	318 P. R.		Machine	Motor	Steam	Hand	Open	No	
EDGAR COUNTY—FIFTH DISTRICT.															
S-1	Lincoln City Coal Co., Inc.	St. Bernice	27,087	6	5' 0"	Strip									
FRANKLIN COUNTY—TENTH DISTRICT.															
S-1	Bell & Zoller Coal & Mining Co., No. 1	Zeigler	1,054,860	6	12' 0"	Shaft	418 P. R.		Machine	Motor	Steam	Machine	Closed	Yes	
S-2	Bell & Zoller Coal & Mining Co., No. 2	Zeigler	1,105,554	6	12' 0"	Shaft	310 P. R.		Machine	Motor	Steam	Machine	Closed	Yes	
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1	Orient	854,797	6	9' 6"	Shaft	512 P. R.		Machine	Motor	Steam	Machine	Closed	Yes	
S-4	Chicago, Wilmington & Franklin Coal Co., No. 2	W. Frankfort	1,562,313	6	9' 2"	Shaft	491 P. R.		Machine	Motor	Electric	Machine	Closed	Yes	
S-5	Frankfort Coal Co., No. 21	W. Frankfort	27,385	6	9' 0"	Shaft	450 P. R.		Machine	Motor	Steam	Hand	Closed	No	

TABLE 37—Continued.

Mine number Index.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Num- ber of seam.	Thick- ness of seam in feet.	Shaft, slope, or strip.	Depth of shaft in feet.	Long- wall or pillar and room.	Mining. Hand, machine or both.	Haulage. Motor, mule or both.	Hoisting. Loading. Steam or electric. Hand, machine or both.	Open or closed lights.	Is mine rock dusted.
FULTON COUNTY—THIRD DISTRICT.													
5-6	Franklin County Coal Corp., No. 5.	Herrin.	569, 254	6	9' 6"	Shaft	365	P. R.	Machine	Both	Steam	Closed	No
5-7	Franklin County Coal Corp., No. 7.	Royalton.	624, 152	6	9' 6"	Shaft	315	P. R.	Machine	Both	Steam	Closed	No
5-8	Old Ben Coal Corp., No. 8.	W. Frankfort	592, 912	6	8' 8"	Shaft	442	Panel	Machine	Motor	Electric	Closed	Yes
5-9	Old Ben Coal Corp., No. 11.	Coele.	459, 106	6	9' 6"	Shaft	607	Panel	Machine	Motor	Electric	Closed	Yes
5-10	Old Ben Coal Corp., No. 14.	Ruckner.	667, 808	6	8' 11"	Shaft	459	Panel	Machine	Motor	Electric	Closed	Yes
5-11	Old Ben Coal Corp., No. 15.	W. Frankfort	664, 009	6	8' 10"	Shaft	418	Panel	Machine	Motor	Steam	Closed	Yes
5-12	Peabody Coal Co., No. 18.	W. Frankfort	670, 070	6	9' 0"	Shaft	503	P. R.	Machine	Motor	Steam	Closed	No
5-13	Southern Illinois Coal Co., No. 21.	W. Frankfort	116, 221	6	9' 0"	Shaft	450	P. R.	Machine	Motor	Steam	Closed	No
5-14	Valier Coal Co., No. 1.	Valier.	1, 109, 706	6	7' 6"	Shaft	600	P. R.	Machine	Motor	Electric	Closed	Yes
FULTON COUNTY—THIRD DISTRICT.													
5-1	Blackley Coal Co.	Canton.	88, 556	5	4' 6"	Slope	70	P. R.	Machine	Both	Electric	Open	No
5-2	Central State Collieries, Inc.	St. David.	456, 025	5	4' 9"	Strip			Both	Both	Electric	Both	No
5-3	Daniel Coal Co., No. 3.	Farrington.	44, 357	5	4' 6"	Shaft	100	P. R.	Machine	Mule	Electric	Open	No
5-4	Golden Rule Coal Co.	Middle Grove.	23, 794	5	3' 10"	Shaft	75	P. R.	Machine	Both	Electric	Open	No
5-5	Illinois Colliery Co.	Farrington.	46, 419	5	3' 4"	Shaft	185	P. R.	Machine	Both	Electric		
5-6	Midland Electric Coal Corp., No. 2.	Farrington.	799, 950	5	3' 4"	Strip							
5-7	Peterson Coal Co.	Canton.	101, 829	5	5' 0"	Strip			Machine	Both	Electric	Open	No
5-8	Reed Mine.	Canton.	49, 027	5	4' 9"	Slope	152	P. R.	Hand	Mule	Gas	Open	No
5-9	Truax-Truax Coal Co., No. 1.	Canton.	491, 924	5	4' 6"	Slope	100	P. R.	Machine	Both	Electric	Open	No
5-10	Truax-Truax Coal Co., No. 2.	St. David.	457, 127	5	4' 6"	Strip							
5-11	United Electric Coal Co., No. 9.	Cuba.	447, 888	5	4' 10"	Strip							
5-12	United Electric Coal Cos., No. 17.	Canton.	47, 586	5	4' 11"	Strip							
GRUNDY COUNTY—FIRST DISTRICT.													
5-1	Northeastern Illinois Coal Co.	Morris.	4, 512	2	2' 0"	Strip							
5-2	Will County Coal Co.	Bradwood.	3, 258	2	2' 6"	Strip							
HENRY COUNTY—FIRST DISTRICT.													
5-1	Midland Electric Coal Corp., No. 1.	Atkinson.	530, 564	2	2' 7"	Strip	265	P. R.	Hand	Mule	Electric	Open	No
5-2	Shuler Coal Mining Co.	Alpa.	85, 691	1	4' 8"	Shaft							

JACKSON COUNTY—NINTH DISTRICT.									
S-1	Triax-Traxer Coal Co., No. 2.	Elkville.	565, 222	6	6"	Strip	200 P. R.	Machine	Motor
S-2	Union Colliery Co.	Dowell.	1,033, 856	6	8"	Shaft		Machine	Electric
KNOX COUNTY—THIRD DISTRICT.									
S-1	Galesburg Mining Co.	Galesburg.	234, 732	1	4"	Shaft	105 P. R.	Both	Steam
S-2	Little John Coal Co.	Victoria.	487, 526	6	3"	Strip		Both	Electric
LASALLE COUNTY—FIRST DISTRICT.									
S-1	Buffalo Rock Coal Co.	Ottawa.	38, 924	2	1'10"	Strip		Both	Electric
S-2	Illinois Zinc Co., No. 3.	Penn.	50, 670	2	3"	Shaft	365 L. W.	Machine	Electric
S-3	Union Coal Co., No. 3.	Penn.	154, 819	2	3"	Shaft	400 L. W.	Machine	Electric
S-4	Wilmington Coal Mines, Inc.	Morris.	46, 306	2	2"	Strip			
S-5	Osage Coal Co., No. 1.	Ottawa.	108, 813	2	1'10"	Strip			
MACON COUNTY—FIFTH DISTRICT.									
S-1	Macon County Coal Co., No. 1.	Decatur.	145, 289	5	4"	Shaft	561 L. W.	Machine	Steam
MACOUPIN COUNTY—SIXTH DISTRICT.									
S-1	Consolidated Coal Co., No. 7.	Staunton.	346, 656	6	7"	Shaft	355 P. R.	Machine	Motor
S-2	Consolidated Coal Co., No. 15.	Mt. Olive.	496, 108	6	7"	Shaft	375 P. R.	Machine	Motor
S-3	Gillespie Coal Co.	Gillespie.	273, 970	6	7"	Shaft	347 P. R.	Machine	Both
S-4	Mt. Olive Coal Co.	Mt. Olive.	138, 182	6	8"	Shaft	420 P. R.	Machine	Both
S-5	South Mine Co.	Carlinville.	10, 708	6	5"	Shaft	263 P. R.	Machine	Both
S-6	Superior Coal Co., No. 1.	Carlinville.	3, 086	6	5"	Shaft	263 P. R.	Machine	Both
S-7	Superior Coal Co., No. 2.	Gillespie.	354, 380	6	7"	Shaft	323 P. R.	Machine	Both
S-8	Superior Coal Co., No. 3.	Gillespie.	432, 831	6	7"	Shaft	347 P. R.	Machine	Both
S-9	Superior Coal Co., No. 4.	Gillespie.	614, 987	6	7"	Shaft	314 P. R.	Machine	Both
S-10	Virden Coal Co.	Virden.	701, 780	6	6"	Shaft	320 P. R.	Machine	Both
S-11	Lincoln Liquidating Co., Inc.	Virden.	801, 270	6	6"	Shaft	320 P. R.	Machine	Both
MADISON COUNTY—SEVENTH DISTRICT.									
S-1	Bullcock Mining Co.	Collinsville.	31, 039	6	7"	Shaft	105 P. R.	Machine	Mule
S-2	Chicokee Coal Co.	Troy.	71, 558	6	5"	Shaft	287 P. R.	Machine	Both
S-3	Livingston-Mt. Olive Coal Co., No. 1.	Livingston.	94, 632	6	6"	Shaft	300 P. R.	Machine	Motor
S-4	Livingston-Mt. Olive Coal Co., No. 2.	Livingston.	387, 666	6	8"	Shaft	287 P. R.	Machine	Motor
S-5	Madison County Coal & Mining Co.	Edwardsville.	80, 760	6	5"	Shaft	230 P. R.	Machine	Motor
S-6	Mt. Olive & Staunton Coal Co., No. 2.	Staunton.	531, 737	6	6"	Shaft	312 P. R.	Machine	Both
MARION COUNTY—SEVENTH DISTRICT.									
S-1	Marion County Coal Co.	Centralla.	269, 925	6	6"	Shaft	600 P. R.	Machine	Both
S-2	Odin Coal Co.	Odin.	47, 617	6	6"	Shaft	715 P. R.	Both	Both

TABLE 37—Continued.

Mine number	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Number of seam.	Thickness of seam in feet.	Shaft, slope, or drift strip.	Depth of shaft in feet.	Long-wall or pillar and room.	Mining, Haulage, Hoisting, Loading.			Open or closed lights.	Is mine or rock dusted?
									Hand, machine or both.	Motor, mule or both.	Steam or electric.	Hand, machine or both.	
MONTGOMERY COUNTY—SIXTH DISTRICT.													
S-1	Hillsboro Coal Co.	Hillsboro	60, 304	6	7' 6"	Shaft	475 P. R.		Machine	Both	Steam	Machine	No
S-2	Hillsboro Mining Co.	Hillsboro	18, 369	6	7' 6"	Shaft	475 P. R.		Machine	Both	Steam	Machine	No
S-2	Indiana & Illinois Coal Corp., No. 10.	Nokomis	382, 787	6	8' 0"	Shaft	640 P. R.		Machine	Motor	Electric	Machine	No
S-3	Nokomis Coal Co.	Nokomis	467, 138	6	8' 4"	Shaft	640 P. R.		Machine	Motor	Steam	Machine	No
PEORIA COUNTY—SECOND DISTRICT.													
S-1	Crescent Mining Co., No. 1.	Peoria	447, 908	5	4' 4"	Drift	130 P. R.		Both	Both	Electric	Both	No
S-2	Crescent Mining Co., No. 6.	Peoria	563, 321	5	4' 4"	Slope	140 P. R.		Machine	Both	Electric	Hand	No
S-3	Darbel Coal Co., No. 1.	Hanna City	92, 169	5	4' 0"	Shaft	240 P. R.		Machine	Both	Electric	Hand	No
S-4	Central West Coal Co., No. 3.	Edwards	8, 638	5	4' 0"	Drift	115 P. R.		Machine	Both	Electric	Hand	No
PERRY COUNTY—NINTH DISTRICT.													
S-1	Bailey Bros. Coal Co.	DuQuoin	3, 686	6	5' 0"	Shaft	75 P. R.		Hand	Mule	Steam	Hand	No
S-2	Beaumont Coal Co.	Pineknueville	21, 013	5	7' 0"	Shaft	145 P. R.		Machine	Mule	Steam	Hand	No
S-3	Biby Coal Co.	Pineknueville	2, 172	6	7' 0"	Shaft	85 P. R.		Hand	Mule	Steam	Hand	No
S-3	Bird & Tanner	Pineknueville	2, 201	6	7' 0"	Shaft	85 P. R.		Hand	Both	Steam	Hand	No
S-4	Pineknueville Mining Co., No. 5.	Pineknueville	47, 820	6	6' 3"	Shaft	160 P. R.		Hand	Mule	Steam	Hand	No
S-5	Conner Coal Co.	DuQuoin	13, 375	6	6' 3"	Shaft	115 P. R.		Both	Both	Steam	Both	Yes
S-6	Cleaver-Clinch Coal Co., No. 14.	DuQuoin	234, 279	6	7' 0"	Shaft	412 P. R.		Both	Both	Steam	Both	Yes
S-6	Peabody Coal Co., No. 14.	DuQuoin	444, 523	6	7' 0"	Shaft	130 P. R.		Machine	Both	Steam	Hand	No
S-9	Cutler Coal Co., Inc.	Cutler	85, 349	6	6' 0"	Shaft	240 P. R.		Hand	Mule	Steam	Hand	No
S-9	Hager Coal Co.	Tanaroc	19, 535	6	6' 0"	Shaft	230 P. R.		Hand	Mule	Steam	Hand	No
S-10	K. & F. Coal Co.	Tanaroc	2, 894	6	6' 0"	Shaft	56 P. R.		Hand	Mule	Steam	Hand	No
S-11	No. Gain Coal Co.	Cutler	23, 094	6	6' 0"	Strip							
S-12	Perfect Coal Co.	DuQuoin	78, 257	6	5' 8"	Strip							
S-13	Pratt Coal Co.	Pineknueville	1, 561, 355	6	7' 10"	Strip							
S-14	United Electric Coal Co., No. 11.	DuQuoin	1, 196, 405	6	5' 8"	Shaft	106 P. R.		Both	Mule	Steam	Hand	No
S-15	Whip-Poor-Will Coal Co.	Cutler	43, 405	6	5' 8"	Shaft	286 P. R.		Machine	Both	Steam	Hand	No
S-16	Coulterville Coal Co.	Coulterville	68, 759	6	7' 0"	Shaft							
PUTNAM COUNTY—FIRST DISTRICT.													
S-1	Prairie State Coal Co.	Granville	45, 879	3	3' 4"	Shaft	500 L. W.		Both	Both	Steam	Hand	Yes



RANDOLPH COUNTY—NINTH DISTRICT.													
S-2	Crain Coal Co.	Percy	10,352	6	6' 0"	Slope	40 P. R.	Both	Mule	Steam	Hand	Open	No
S-3	Hil-Mo Coal Co.	Sparta	22,875	6	6' 0"	Shaft	129 P. R.	Both	Both	Electric	Machine	Open	No
S-4	Oregon Coal Co., No. 2	Tilden	31,638	6	6' 6"	Shaft	190 P. R.	Hand	Both	Steam	Hand	Open	No
S-5	Moffat Coal Co.	Sparta	297,730	6	5' 6"	Shaft	140 P. R.	Machine	Both	Steam	Both	Open	No
S-6	St. Louis Coal Co.	Conterville	216,257	6	5' 10"	Shaft	195 P. R.	Machine	Both	Steam	Both	Open	No
S-7	Southwestern Illinois Coal Corp.	Percy	758,234	6	6' 0"	Strip							No
ST. CLAIR COUNTY—EIGHTH DISTRICT.													
S-1	Freeburg Coal Co.	Freeburg	31,056	6	7' 0"	Shaft	143 P. R.	Hand	Both	Steam	Hand	Open	No
S-2	Gill Coal Corp.	Marissa	23,753	6	7' 0"	Shaft	110 P. R.	Hand	Both	Steam	Hand	Open	No
S-3	Golden Rule Coal Co.	Lezburgh	61,050	6	6' 10"	Shaft	56 P. R.	Hand	Both	Steam	Hand	Open	No
S-4	Groom Coal Co.	Belleville	65,665	6	7' 0"	Shaft	100 P. R.	Both	Both	Steam	Both	Open	No
S-5	Gundlach Coal Co.	E. St. Louis	182,002	6	6' 0"	Drift		Machine		Electric	Machine	Open	No
S-6	Lezburgh Coal Co.	Freeburg	49,533	6	6' 8"	Shaft	98 P. R.	Hand	Both	Steam	Hand	Open	No
S-7	Mulberry Hill Coal Co.	Freeburg	43,401	6	7' 6"	Shaft	150 P. R.	Both	Both	Steam	Both	Open	No
S-8	Narissa Coal Co.	Narissa	13,257	6	7' 0"	Shaft	116 P. R.	Hand	Both	Steam	Hand	Open	No
S-9	Perry Coal Co.	O'Fallon	34,787	6	7' 0"	Shaft	187 P. R.	Hand	Both	Steam	Machine	Open	No
S-10	Perry Coal Co., Carbon	O'Fallon	379,369	6	7' 0"	Shaft	210 P. R.	Machine	Motor	Steam	Machine	Open	No
S-11	Prairie Coal Co.	Belleville	128,908	6	6' 0"	Shaft	212 P. R.	Hand	Both	Steam	Hand	Open	No
S-12	St. Louis & O'Fallon Coal Co., No. 2	O'Fallon	276,974	6	6' 6"	Shaft	212 P. R.	Machine	Motor	Steam	Machine	Open	No
S-13	Service Coal Co.	Belleville	39,430	6	6' 0"	Shaft	118 P. R.	Hand	Both	Steam	Hand	Open	No
S-14	Southern Coal, Coke & Mining Co., No. 6	Belleville	58,597	6	6' 6"	Shaft	150 P. R.	Hand	Both	Electric	Hand	Open	No
S-15	Southern Coal, Coke & Mining Co., No. 7	Belleville	186,603	6	6' 6"	Shaft	128 P. R.	Hand	Both	Steam	Machine	Open	No
S-16	United Electric Coal Cos., No. 13	Freeburg	235,715	6	6' 6"	Strip							No
S-17	Vinegar Hill Coal Co.	Lezburgh	77,654	6	6' 6"	Shaft	95 P. R.	Hand	Both	Steam	Hand	Open	No
S-18	White Coal Co.	Belleville	56,189	6	6' 0"	Slope	125 P. R.	Machine	Both	Steam	Machine	Open	No
S-19	Mascoutah Coal Mining Co.	Mascoutah	27,693	6	6' 0"	Shaft	190 P. R.	Hand	Both	Steam	Hand	Open	No
S-20	New National Coal & Mining Co.	Belleville	38,126	6	5' 10"	Shaft	60 P. R.	Machine	Both	Electric	Both	Closed	No
SALINE COUNTY—ELEVENTH DISTRICT													
S-1	Bankston Creek Colliery Co., No. 6	Carrier Mills	651,906	6	5' 0"	Strip			Motor	Electric	Machine	Open	No
S-2	Blue Bird Coal Co., No. 5	Carrier Mills	135,294	5	4' 8"	Strip			Both	Steam	Both	Closed	No
S-3	Blue Bird Coal Co., No. 5	Carrier Mills	114,380	5	5' 7"	Shaft	297 P. R.	Both	Motor	Steam	Both	Closed	No
S-4	Peabody Coal Co., No. 43	Harrisburg	148,432	5	5' 4"	Shaft	426 P. R.	Machine	Motor	Steam	Machine	Closed	No
S-5	Peabody Coal Co., No. 47	Harco	675,469	5	6' 0"	Shaft	465 P. R.	Both	Both	Steam	Both	Open	No
S-6	Rex Coal Co., No. 2	Idorado	450,313	5	5' 0"	Shaft	311 P. R.	Machine	Motor	Steam	Machine	Open	No
S-7	Sabara Coal Co., No. 1	Harrisburg	253,421	5	5' 0"	Shaft	245 P. R.	Machine	Motor	Steam	Machine	Open	No
S-8	Sabara Coal Co., No. 3	Harrisburg	36,128	5	4' 10"	Shaft	406 P. R.	Hand	Both	Steam	Hand	Open	No
S-9	Sabara Coal Co., No. 10	Idorado	291,677	5	5' 0"	Shaft	413 P. R.	Hand	Both	Steam	Hand	Open	No
S-10	Sabara Coal Co., No. 12	Harrisburg	159,407	5	4' 8"	Slope			Motor	Electric	Hand	Open	No
S-11	Wasson Coal Co., "A"	Harrisburg	157,421	5	5' 6"	Shaft	50 P. R.	Machine	Motor	Steam	Machine	Closed	No
S-12	Wasson Coal Co., No. 1	Harrisburg	385,832	5	5' 6"	Shaft	325 P. R.						No

TABLE 37—Concluded.

Mine index.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Num-ber of seam.	Thick-ness of seam in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long-wall or pillar and room.	Mining. Haulage.			Hoisting. Loading.		Open or closed lights.	Is mine or rock dusted?	
									Hand, machine or both.	Motor, mule or both.	Steam or electric.	Hand, machine or both.				
SANGAMON COUNTY—FOURTH DISTRICT.																
S-1	Central Illinois Mining Co., "A"	Springfield.	205, 415	5	5' 8" Shaft		200 P. R.		Hand	Both	Electric	Hand	Open	No		
S-2	Mine B Coal Co.	Springfield.	161, 744	5	5' 6" Shaft		208 P. R.		Hand	Both	Electric	Hand	Open	No		
S-3	Panther Creek Mines, Inc., No. 4.	Springfield.	376, 774	5	5' 8" Shaft		156 P. R.		Hand	Both	Steam	Hand	Open	No		
S-4	Panther Creek Mines, Inc., No. 5.	Springfield.	371, 208	5	5' 10" Shaft		244 P. R.		Hand	Both	Steam	Hand	Open	No		
S-5	Peabody Coal Co., No. 53.	Springfield.	415, 814	6	5' 6" Shaft		240 P. R.		Machine	Both	Electric	Machine	Open	No		
S-6	Peabody Coal Co., No. 57.	Springfield.	450, 408	5	5' 6" Shaft		220 P. R.		Machine	Both	Steam	Machine	Open	No		
S-7	Peabody Coal Co., No. 59.	Springfield.	336, 404	5	5' 6" Shaft		235 P. R.		Machine	Both	Steam	Machine	Open	No		
S-8	Employees Group Jefferson Mine.	Springfield.	18, 998	5	5' 10" Shaft		250 P. R.		Hand	Both	Electric	Hand	Open	No		
S-9	Brewerton Co., The.	Springfield.	1, 931	5	5' 10" Shaft		250 P. R.		Hand	Both	Electric	Hand	Open	No		
TAZEVELL COUNTY—SECOND DISTRICT.																
S-1	Lake Erie Mining Co.	Peoria.	103, 912	5	4' 2" Slope		260 P. R.		Machine	Both	Electric	Hand	Open	No		
S-2	Ubben Coal Co.	Pekin.	22, 095	5	4' 6" Shaft		90 P. R.		Machine	Motor	Electric	Hand	Open	No		
VERMILION COUNTY—FIFTH DISTRICT.																
S-1	United States Fuel Co., Bun.	Georgetown.	1, 013, 114	6	6' 3" Shaft		210 P. R.		Machine	Motor	Electric	Both	Open	No		
S-2	Peabody Coal Co., No. 24.	Danville.	654, 715	6	6' 0" Shaft		218 P. R.		Machine	Both	Steam	Both	Open	No		
S-3	F. C. Morgan Coal Co.	Danville.	140, 678	7	5' 0" Strip									No		
S-4	Tilton Mining Co.	Danville.	56, 122	7	5' 0" Slope		280 P. R.		Both	Mule	Electric	Hand	Open	No		
S-5	Pyramid Coal Corp., No. 2.	Danville.	13, 942	6	5' 0" Strip									No		
S-6	J. G. Skelton Coal Co.	Danville.	4, 901	7	5' 6" Slope		45 P. R.		Hand	Mule	Electric	Hand	Open	No		
WASHINGTON COUNTY—NINTH DISTRICT.																
S-1	Centralia Coal Co., No. 5.	Centralia.	233, 161	6	6' 6" Shaft		537 P. R.		Machine	Motor	Steam	Machine	Open	No		
S-2	Clarkson Coal & Mining Co.	Nashville.	65, 073	6	5' 0" Shaft		415 P. R.		Machine	Both	Steam	Machine	Open	No		
S-3	Bois Coal Co.	DuBois.	12, 770	6	6' 0" Shaft		300 P. R.		Hand	Mule	Steam	Hand	Open	No		
WHITE COUNTY—ELEVENTH DISTRICT.																
S-1	Norris City Coal Co.	Norris City.	33, 857	6	5' 0" Shaft		640 P. R.		Machine	Both	Steam	Hand	Open	No		



TABLE 38.—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORKING AND TONS PRODUCED FROM EACH SEAM.

Number of seam.	Number of—		Kind of opening.				Manner of working.		Production in tons.
	Countries.	Mines.	Shaft.	Drift.	Slope.	Strip.	Pillar and room.	Longwall.	
One.....	15	54	27	3	23	1	53	---	669,987
Two.....	19	134	24	43	37	30	96	8	2,673,455
Three.....	11	14	4	3	3	3	10	1	67,313
Four.....	4	5	2	2	3	3	4	---	17,319
Five.....	21	338	100	63	156	17	320	1	10,641,647
Six.....	34	355	206	31	83	35	320	---	37,697,487
Seven.....	6	120	12	26	70	12	108	---	646,046
Total.....		1,020	373	175	373	99	911	10	52,432,255

TABLE 39.—LIST OF FATALITIES—1937.

Name of person killed.	Occupation.	Residence.	Date of accident.	Date of death.	Cause of death.	By whom employed.
Aloway, William F.....	Miner.....	Westville.....	Jan. 15	15 Jan.	15 Fall of rock.....	U. S. Fuel Co.
Andreas, August C.....	Miner.....	Belleville.....	Dec. 28	28 Dec.	28 Fall of slate.....	Fullerton Coal Co.
Artiotto, Vincent.....	Miner.....	Pekin.....	Sept. 21	21 Sept.	21 Fall of slate.....	Lake Erie Mining Co.
Athell, Frank, Sr.....	Loader.....	Johnston City.....	Oct. 20	20 Oct.	20 Fall of rock.....	Franko Mining Corp., No. 1.
Beames, Kenneth.....	Night shift man.....	West Frankfort.....	Dec. 2	2 Dec.	2 Crushed by motor.....	C. W. & F. Coal Co., No. 2.
Beckemeyer, Ferdinand.....	Driller.....	Beckemeyer.....	Dec. 11	11 Dec.	11 Gas explosion.....	Beckemeyer Coal Co.
Borsch, Rudolph.....	Machine runner.....	Stamton.....	Dec. 9	9 Dec.	9 Fall of coal.....	Consolidated Coal Co., No. 15.
Brinkman, William, Jr.....	Miner.....	Beckemeyer.....	Dec. 11	11 Dec.	11 Gas explosion.....	Beckemeyer Coal Co.
Bruckner, Henry.....	Miner.....	Nokomis.....	Apr. 22	22 Apr.	22 Fall of coal.....	Nokomis Coal Co.
Burgess, William.....	Loading machine helper.....	Carrier Mills.....	Nov. 6	6 Nov.	6 Fall of coal.....	Wasson Coal Co., No. 1
Burton, Halford.....	Loading machine operator.....	Danville.....	Feb. 5	5 Feb.	5 Fall of rock.....	Peabody Coal Co., No. 24.
Cadmus, George.....	Mine manager.....	Belleville.....	Mar. 22	22 Mar.	22 Crushed by cage.....	Summit Coal Co.
Capps, Henry.....	Loader.....	West Frankfort.....	May 29/30	May 6/37	Crushed between rib and car.....	Old Ben Coal Corp., No. 15

Clar, Mike	Livingston	Feb.	16 Feb.	16 Fall of slate	Livingston-Mt. Olive Coal Co.
Crain, Ray	Marion	Feb.	10 Mar.	21 Crushed by cars	Seymour Coal Mining Co.
Davito, Joseph	Coal City	Jan.	8 Jan.	8 Crushed by cage	Roanoke-Wilmington Coal Co.
Dorr, Guy	Cambria	Sept.	5 Sept.	5 Fall of rock	Peabody Coal Co., No. 47
Downs, Alfred	West Frankfort	May	1 May	6 Fall of coal	Old Ben Coal Corp., No. 15
Ferrero, Anthony	Gillespie	Apr.	28 Apr.	28 Crushed by motor	Superior Coal Co., No. 3
Flahart, John	Langleyville	Oct.	9 Oct.	9 Crushed by car	Peabody Coal Co., No. 9
Garner, Ray					
Gladders, M. L.	Gillespie	Oct.	6 Oct.	6 Fall of coal	Superior Coal Co., No. 3
Guenther, Frank	West Frankfort	Oct.	6 Oct.	6 Fall of coal	Old Ben Coal Corp., No. 11
Gwyn, Chester C.	Collinsville	Mar.	24 Mar.	24 Fall of cage	Hardscrabble Coal Co.
Haines, George	Riverton	Jan.	30 Jan.	30 Crushed by car	Peabody Coal Co., No. 59
Hiles, Sam	Farmington	Sept.	19 Sept.	19 Crushed by cage	Clean Coal Co.
Hochmuth, Henry	O'Fallon	Oct.	8 Oct.	12 Fall of slate	Perry Coal Co., "St. Ellen"
Hogstrum, John E.	Staunton	Jan.	8 Oct.	12 Fall of slate	Consolidated Coal Co., No. 7
Iryvatich, Valentine	West Frankfort	Dec.	11 Dec.	11 Crushed by motor	C. W. & F. Coal Co., No. 1
Hughes, Emil	Johnston City	Apr.	6 Apr.	6 Fall of coal	C. W. & F. Coal Co., No. 2
Hughes, Charles	Nokomis	Oct.	2 Oct.	2 Electrocutted	Nokomis Coal Co.
Hynds, James	Benton	Mar.	22 Mar.	22 Fall of rock	C. W. & F. Coal Co., No. 2
Jones, Benj. W.	Granville	Jan.	27 Jan.	27 Crushed by machine	Prairie State Coal Co.
Key, J. A.	Christopher	Sept.	2 Sept.	2 Crushed by car	Old Ben Coal Corp., No. 14
Kivel, William	Edwardsville	Oct.	14 Oct.	4 Fall of slate	Madison County Coal Co.
Littfair, William	New Baden	Mar.	4 Mar.	4 Fall of slate	Southern C. & M. Co., No. 9
Loecher, Charles	Virden	June	25 June	5 Heart exhaustion	Virden Coal Co.
McGill, Patrick	Conlerville	May	5 May	5 Heart trouble from injuries	St. Louis Coal Co.
McGill, Arthur F.	Johnston City	Nov.	22 Nov.	22 Fall of rock	Spillertown Mining Co.
Marmont, Ernest	Mt. Olive	May	10 May	12 Struck by jack pipe	Mt. Olive Coal Co., No. 5
Martin, Moses	Springfield	July	30 July	30 Fall of slate	Peabody Coal Co., No. 53
Miller, William	Peoria	Nov.	12 July	12 Fall of slate	Crecent Mining Co., No. 6
Mills, Robt. Wesley	Herrin	Nov.	13 Nov.	13 Fall of rock	Seymour Coal Mining Co.
Morrissey, Wm. L.	West Frankfort	Dec.	7 Nov.	7 Crushed by cars	Old Ben Coal Corp., No. 8
Nagy, Louis	Belleville	Nov.	10 Dec.	25 Fall of coal	Patterson Harding Coal Co.
Nold, Paul	West Frankfort	Nov.	16 Mar.	16 Fall of rock	Wasson Coal Co., No. 1
Noller, Gustavus	West Frankfort	Nov.	23 Nov.	23 Electrocutted	Peabody Coal Co., No. 18
Oversby, Joseph	Portstown	June	27 June	27 Fall of slate	Big Diamond Coal Co.
Park, Clarence	Belleville	Aug.	17 May	14 Infected finger	Peabody Coal Co., No. 58
Pate, George Lee	Sandoval	Mar.	19 Aug.	23 Crushed by cars	Wallace Coal Co.
Pickard, Glenn	Johnston City	Feb.	23 Feb.	23 Fall of coal	Sahara Coal Co., No. 1
Podlaski, Wm.	Illicks Branch	Jan.	22 Jan.	22 Crushed by cars	Peabody Coal Co., No. 18
Raymer, Lucian	Logan	Feb.	15 Feb.	7 Black damp	Big Diamond Coal Co.
Rogers, David J.	Muncie	Feb.	7 July	7 Black damp	Peabody Coal Co., No. 58
Rogers, David J.	Taylorville	Oct.	16 Feb.	16 Fall of slate	Wallace Coal Co.
Rogers, David J.	West Frankfort	Nov.	1 Oct.	1 Fall of slate	Sahara Coal Co., No. 1
Rogers, David J.	Harrisburg	Jan.	8 Nov.	8 Fall of rock	Peabody Coal Co., No. 12
Rogers, David J.	Stitz	Jan.	5 Jan.	5 Fall of rock	Peabody Coal Co., No. 12
Rogers, David J.	Muddy	Jan.	29 Jan.	30 Scalded in vat	Western Coal Co.
Rosa, Pete	Farmington	Dec.	9 Dec.	9 Crushed by car	

TABLE 39—Concluded.

Name of person killed.	Occupation.	Residence.	Date of accident.	Date of death.	Cause of death.	By whom employed.
Scarlett, Ray	Cleanup man	Herrin	Aug.	12 Aug.	Fall of coal	Ball & Zoller C. & M. Co., No. 2
Slepevich, Marco	Leader	Buckner	Nov.	24 Nov.	Fall of rock	Old Ben Coal Corp., No. 4
Smith, Samuel	Leader	West Frankfort	Jan.	26 Jan.	Fall of coal	Old Ben Coal Corp., No. 8
Smith, William Andrew	Leader	Johnston City	Dec.	16 Dec.	Fall of coal	France Mining Corp., No. 1
Snyder, Harvey	Machine runner	Mulkeytown	July	29 Aug.	Fall of coal	Ball & Zoller C. & M. Co., No. 2
Stallous, Chas.	Machine helper	Dorrisville	Dec.	21 Dec.	Caught in gutter bits	Blue Bird Coal Co., No. 6
Stamm, John	Miner	Taylorville	Aug.	13 Aug.	Fall of slate	Peabody Coal Co., No. 48
Stanhouse, James	Machine helper	DuQuoin	Aug.	18 Aug.	Fall of slate	Peabody Coal Co.
Stanovich, Dominic	Leader	Herrin	June	12 June	Fall of rock	Old Ben Coal Corp., No. 15
Stevens, Andrew, Sr.	Miner	Catlin	Aug.	4 Aug.	Fall of rock	Peabody Coal Co., No. 24
Stone, Wm. Walter	Miner	Sherrard	Nov. 17/29	Jan.	Fall of slate	Burns Coal Mine
Stonecipher, Roy	Machine helper	Centralia	Dec.	29 Dec.	Fall of slate	Cerrilha Coal Co., No. 5
Tappero, Pete	Miner	Westville	June	18 June	Fall of slate	U. S. Fuel Co., "B" m.
Tinor, Anton	Trackman	Edwardsville	Sept.	1 Sept.	Fall of rock	Madison Coal Co.
Tippins, Robert	Trackman	Gillespie	Jan.	2 Jan.	Struck by motor	Superior Coal Co., No. 2
Van Allen, Albert	Miner	Muncie	Feb.	13 Feb.	Fall of rock	Crawford Coal Co., No. 7
Venezoni, Charles	Miner	Danville	Dec. 29/36	Jan.	Crushed by cars	Big Diamond Coal Co.
Waltos, Henry M.	Mine operator	Danville	July	7 July	Black dnap	Franklin Coal Co., No. 7
Wells, Herbert	Top laborer	Mulkeytown	Nov.	27 Nov.	Rollled between box and car	Consolidated Coal Co., No. 15
Wilde, Theo.	Trackman	Mt Olive	Nov.	2 Nov.	Infection from injuries	Union Gallery Co.
Willmore, Neb.	Machine runner	Elkville	Oct.	5 Oct.	Crushed by cars	Norris City Coal Co.
Wilson, Robert	Machine runner	Norris City	Sept.	13 Sept.	Fell against	Union Gallery Co.
Wolfe, Joseph	Timberman	Dowell	Nov.	8 Nov.	Fall of slate	Union Gallery Co.
Woodruff, Joseph	Triprider	Gillespie	June	28 June	Crushed by motor	Superior Coal Co., No. 4

TABLE 40—FATAL ACCIDENTS BY DISTRICTS AND CAUSES.

District.	Underground.							On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosives.	Gas Explosions.	Other causes.	Total.	Machinery.	Other causes.	Total.	
First.....	1	1					2	1		1	3
Second.....	3						3				3
Third.....		2					2				2
Fourth.....	3	1					4	1		1	5
Fifth.....	5					2	7				7
Sixth.....	4	3	1			2	10		1	1	11
Seventh.....	3	1					4	1		1	5
Eighth.....	3				2	3	8				8
Ninth.....	2	1				1	4		1	1	5
Tenth.....	10	5	1				16		1	1	17
Eleventh.....	4	1				1	6		2	2	8
Twelfth.....	7	2					9				9
Total.....	45	17	2		2	9	75	3	5	8	83

TABLE 41—FATAL ACCIDENTS BY OCCUPATIONS AND CAUSES.

Occupation.	Underground.							On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosions.	Gas explosions.	Other causes.	Total.	Machinery.	Other causes.	Total.	
Bonder.....		1					1				1
Carpenter.....								1		1	1
Cleanup man.....	4		1				5				5
Company man.....	1						1				1
Contractor.....								1		1	1
Driller.....	1				1	1	3				3
Driver.....		1				2	3	1		1	4
Face Boss.....	1						1				1
Gangman.....	1						1				1
Laborer.....	1						1				1
Loader.....	9	2					11				11
Loading machine helper.....	3					1	4				4
Loading machine operator.....	2	1					3				3
Machine man.....	4					1	5				5
Mechanic.....			1				1		1		1
Miner.....	13	4			1	1	19			1	20
Mine manager.....						1	1				1
Mine operator.....						1	1				1
Motorman.....		1					1				1
Night shift man.....		1					1				1
Sand man.....		1					1				1
Shift man.....	1						1				1
Timberman.....	4						4				4
Top laborer.....									3	3	3
Top man.....									1	1	1
Trackman.....		2				1	3				3
Triprider.....		3					3				3
Total.....	45	17	2		2	9	75	3	5	8	83

TABLE 42—FATAL ACCIDENTS BY MONTHS.

Month.	District—Shipping mines.												Local mines.			
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Total.	District.	Number killed.	Total fatalities.
January.....	1				1	2				1	2	2	9	1	2	11
February.....				2	1		1			1		1	6	5	1	7
March.....								1					4	7	1	6
April.....						2				1	1	1	4	8	1	3
May.....						2			1	2			3			3
June.....					1	2				1			4	2	1	5
July.....		1		1									2	5	2	4
August.....				1	1		1			2			5	9	1	6
September.....		1								1	2		5	3	1	6
October.....				1		2	1	1	1	1		2	9			9
November.....						1			1	4	2	1	9	12	1	10
December.....						1		2	1	2	1	1	8	3	1	11
														8	2	
Total—shipping mines.....	1	2		5	4	11	4	4	4	17	8	8	68		15	83
Total—Local mines.....	2	1	2		1	1	2	1	1		1	3	15			
Total—all mines.....	3	3	2	5	5	12	6	5	5	17	9	11	83			

TABLE 43—CONJUGAL RELATION OF THE MEN KILLED AND TONS MINED AND NUMBER EMPLOYED TO ONE KILLED, AND FATALITIES PER 1,000,000 TONS MINED AND PER 1,000 EMPLOYEES.

District.	Conjugal relations.						Tons mined to one killed.	Number employed to one killed.	Number killed.	
	Number killed.	Married.	Single.	Widows.	Children.	Dependents.			Per 1,000,000 tons mined.	Per 1,000 employed.
First.....	3	2	1	2	3	5	991,339	1,081	1.0	.9
Second.....	3	1	2	1	1	3	624,435	909	1.6	1.2
Third.....	2	2		2	1	3	2,155,862	1,395	.5	.7
Fourth.....	5	3	2	3	4	7	1,500,829	1,256	.7	.8
Fifth.....	7	5	2	5	2	7	354,752	465	2.8	2.1
Sixth.....	11	7	4	7	11	19	406,509	408	2.5	2.4
Seventh.....	5	3	2	3		5	405,984	508	2.5	1.9
Eighth.....	8	8		8	4	12	370,292	466	2.7	2.1
Ninth.....	5	5		5	6	11	1,463,856	826	.7	1.2
Tenth.....	17	13	4	13	23	42	594,626	401	1.7	2.5
Eleventh.....	8	5	3	5	7	12	446,860	535	2.2	1.9
Twelfth.....	9	6	3	6	1	8	313,236	257	3.2	3.9
Total.....	83	60	23	60	63	134	631,714	561	1.5	1.7



TABLE 44—CAUSES OF FATAL ACCIDENTS BY YEARS—1882-1937.

Year.	Total number killed.	Underground.						In shaft.			On surface.					
		Falls of roof and sides.	Gas explosions.	Haulage.	Electricity.	Explosives.	Other causes.	Total.	Falling down shaft.	Cage.	Other causes.	Total.	Machinery.	Railway cars.	Other causes.	Total.
1882	40	26				5	9	40								
1883	134	40	12	2		2	78	134								
1884	46	29	4			6	7	46								
1885	39	20					19	39								
1886	52	32		5		10		47	1		4	5				
1887	41	28					13	41								
1888	54	33		6		9		48	4	2		6				
1889	42	26		5		3	1	35	2	4	1	7				
1890	52	36	5	3		4		48		4		4				
1891	58	33	4	2		11	1	51	1	4	2	7				
1892	56	28	3	6		4	3	44	8			12				
1893	68	48	2	2		6	2	60	3	4	1	8				
1894	70	43		6		8		57	5			13				
1895	75	38	5	6		12	2	63	5	4	1	10	1	1		2
1896	77	41	2	9		9	2	63	6	5		11	1	1	1	3
1897	69	46	2	1		11		60	6		1	7	1	1	2	2
1898	75	43	3	3		11	2	66	4	2		6	1	1	1	3
1899	84	51	5	6		6	6	74	4	5		9		1		1
1900	94	51	1	11		20		83	1	4	2	7	2	2		4
1901	99	57	1	14		20	3	95	1			2				2
1902	99	55		15		17	1	88	7	2		9				2
1903	156	77	8	18	1	41	2	147	2	6		8			1	1
1904	157	65		21	1	44	3	134	10	4		14	6	2	1	9
1905	199	80	59	11	1	32	3	186	5	6	1	12	1			1
1906	155	84	2	22		22	1	131	9	5	1	15	3	4	2	9
1907	165	84	4	29	1	25	2	145	6	8		14	4	4	2	6
1908	183	91	7	35	1	29	1	164	3	1	3	7	4	8		12
1909	213	84	44	30	2	29	1	190	5	4	1	10	3	8	5	2
1910	406	65	20	23	3	17	258	386	3	6		9	3	5	3	13
1911	157	80	8	40	1	10	4	143	5	2	2	9		2		5
1912	180	98	3	38	1	13	12	167	6	3		9		2		4
1913	175	81	10	50	6	10	5	162	5	4	1	10		2	1	3
1914	159	83	6	40	6	6	7	148	2			3		4		8
1915	180	57	68	27	2	9	12	175	1		2	3		2		2
1916	165	80	12	43	4	13	1	153	4			4	2	6		8
1917	207	77	19	67	7	12	3	185		4	1	5	5	9	3	17
1918	259	100	27	70	13	20	4	234	8			18		4	3	7
1919	208	93	31	51	7	12	1	195	4	4	2	10		2	1	3
1920	181	91	7	41	14	9	5	167	8	2		10	1	2	1	4
1921	222	112	6	54	9	20	8	209	2	4		6	1	4	2	7
1922	159	71	15	29	8	17	7	147	2	1	3	6		5	1	6
1923	161	82	2	40	6	13	6	149	3	1	1	5		4	3	7
1924	184	76	40	37	5	10	8	176	2		2	4	2	2		4
1925†	183	89	5	46	12	11	9	172	1	2		3	3	3	2	8
1926	165	85	13	39	5	7	4	153	7	1	1	9	1	1	1	3
1927	106	44	17	18	5	5	8	97	3	1		4	2	2	1	5
1928	139	72	23	21	2	6	5	129	1	1		2	1	4	3	8
1929	109	52	8	24	5	6	5	100	1	2		3	2	2	2	6
1930	112	72	4	20	3	2	5	106		1		1	1	2	2	5
1931	90	54	2	15	6	2	5	84				4		1	1	2
1932	114	33	54	10		4	4	105						4	5	9
1933	71	45	1	12	3	3	3	67	3			3		1		1
1934	86	48		18	5	2	5	78					3		5	8
1935	82	34	1	17	3	3	15	73	2	1		3	1	1	4	6
1936	93	54		12	1	2	16	85					2		6	8
1937	83	45	2	17	2		9	75					3		5	8
Average—56 years	127	58	10	21	3	11	11	116	3	3	1	6	1	2	1	4

\*Sixty-nine men were drowned in the Braidwood mine disaster.

†Other causes not classified.

‡From July 1, 1924 to December 31, 1925.



TABLE 46—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED, AND PER 1,000,000 TONS MINED—1882-1937. INJURIES INVOLVING A LOSS OF 30 OR MORE DAYS TIME.

Year.	Tons mined.	Number employed.	Accidents.		Tons mined to one man.		Accidents.			
			Fatal.	Non-fatal.	Killed.	Injured.	Per 1,000 employed.		Per 1,000,000 tons mined.	
							Fatal.	Non-fatal.	Fatal.	Non-fatal.
1882	9,115,061	20,290	40	50	227,892	182,313	2.0	2.5	4.4	5.5
1883	10,508,785	23,939	134	231	78,424	45,493	5.6	9.1	12.8	22.0
1884	10,101,004	25,575	46	197	219,587	51,274	1.8	7.7	4.6	19.5
1885	9,791,874	25,946	39	147	251,074	66,611	1.5	5.7	4.0	15.0
1886	9,246,435	25,846	52	171	177,816	54,073	2.0	6.6	5.6	18.5
1887	10,278,890	26,804	41	180	250,905	57,105	1.5	6.7	4.0	17.5
1888	11,855,188	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889	11,597,963	30,076	42	201	276,142	57,701	1.4	6.7	3.6	17.3
1890	12,638,364	28,574	53	294	238,460	42,998	1.9	10.3	4.2	23.4
1891	15,660,698	32,951	60	367	261,012	42,672	1.9	11.1	3.9	23.4
1892	17,862,576	33,632	57	370	313,373	48,276	1.7	11.0	3.2	20.7
1893	19,949,564	35,390	69	403	289,124	49,502	1.9	11.4	3.5	20.2
1894	17,113,576	38,477	72	521	237,690	32,848	1.9	13.5	4.2	30.4
1895	17,735,864	38,630	75	605	236,478	29,315	1.9	15.7	4.2	34.1
1896	19,786,626	37,032	77	672	256,969	29,444	2.1	18.1	3.9	34.0
1897	20,072,758	33,788	69	518	290,909	38,750	2.0	15.3	3.4	25.8
1898	18,599,299	35,026	75	438	247,991	42,464	2.1	12.5	4.0	23.5
1899	23,434,445	36,901	84	597	278,981	39,254	2.3	16.2	3.6	25.5
1900	25,153,929	39,384	94	611	267,559	41,168	2.4	15.5	3.7	24.3
1901	26,685,319	44,143	99	422	269,549	63,235	2.2	9.6	3.8	15.8
1902	30,021,300	46,003	99	406	303,245	73,944	2.2	8.8	3.3	13.5
1903	34,955,400	49,814	156	410	242,073	85,257	3.1	8.2	4.5	11.7
1904	37,077,897	54,774	157	507	236,165	73,132	2.9	9.3	4.2	13.7
1905	37,183,374	59,230	199	535	185,852	69,502	3.4	9.0	5.4	14.4
1906	38,317,581	62,283	155	480	247,210	79,828	2.5	7.7	4.0	12.5
1907	47,798,621	66,714	165	636	269,689	75,155	2.5	9.5	3.5	13.3
1908	49,272,436	70,841	183	819	269,248	60,162	2.6	11.6	3.7	16.6
1909	49,163,710	72,733	213	894	230,816	54,993	2.9	12.3	4.3	18.2
1910	48,717,853	74,634	406	742	119,995	65,657	5.4	9.9	8.3	15.2
1911	50,165,099	77,410	157	709	319,523	70,755	2.0	9.2	3.1	14.2
1912	57,514,240	79,411	180	800	315,524	71,893	2.3	10.7	3.1	13.9
1913	61,846,204	79,497	175	1,025	353,407	60,338	2.2	12.9	2.8	16.2
1914	60,715,795	80,035	159	1,079	381,860	56,691	2.0	13.4	2.6	17.6
1915	57,601,694	75,607	180	1,013	320,009	56,870	2.4	13.4	3.1	17.6
1916	63,673,530	75,919	165	1,305	385,900	48,792	2.2	17.2	2.6	20.5
1917	78,983,517	80,893	207	1,634	381,563	48,338	2.6	20.2	2.6	20.5
1918	89,979,469	91,372	259	2,161	347,411	41,638	2.8	23.7	2.9	24.0
1919	75,099,784	90,897	208	2,620	361,057	28,664	2.3	28.8	2.8	34.9
1920	73,920,653	88,192	181	3,571	408,401	20,700	2.5	40.5	2.4	48.3
1921	80,121,948	95,763	222	4,327	360,910	18,517	2.3	45.2	2.8	54.0
1922	63,276,827	98,090	159	3,879	397,962	16,315	1.6	39.5	2.5	61.3
1923	75,514,095	103,566	161	3,615	469,032	20,889	1.6	34.9	2.1	47.9
1924	72,308,665	99,765	184	3,895	392,982	18,565	1.8	39.0	2.5	53.9
1925*	103,186,166	81,684	183	4,712	563,859	21,713	2.4	57.7	1.8	46.0
1926	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	2.4	44.2
1927	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.3	29.8
1928	56,211,082	65,508	139	2,176	404,396	25,832	2.1	33.2	2.5	38.7
1929	61,127,759	58,596	109	2,392	560,805	25,556	1.9	40.8	1.8	39.1
1930	54,035,116	56,011	112	1,649	482,456	32,768	2.0	29.4	2.1	30.5
1931	45,152,623	53,550	90	1,530	501,696	29,512	1.7	28.6	2.0	33.9
1932	34,120,786	51,554	114	951	299,305	35,879	2.2	18.4	3.3	27.9
1933	38,320,125	48,464	71	1,197	539,720	32,013	1.5	24.6	1.9	31.5
1934	41,724,078	49,499	86	1,112	485,164	37,522	1.8	22.7	2.1	26.6
1935	45,013,278	49,100	82	1,225	548,907	36,743	1.7	27.2	1.8	24.9
1936	51,475,899	49,142	93	1,145	553,504	44,957	1.9	23.2	1.8	22.2
1937	52,432,255	46,580	83	1,023	631,714	51,253	1.7	21.9	1.6	19.5
Average—56 years—	41,946,789	56,826	127	1,211	332,587	47,856	2.2	21.3	3.0	28.9

\*July 1, 1924 to December 31, 1925.

TABLE 47—ILLINOIS FATALITIES COMPARED WITH THOSE OF THE UNITED STATES AS A WHOLE—1911 TO 1937 INCLUSIVE.

Year.	Number killed.		Deaths per 1,000,000 tons		Tons mined per fatality.	
	Illinois.	United States.	Illinois.	United States.	Illinois.	United States.
1911.....	157	2,656	3.1	5.35	319,523	186,887
1912.....	180	2,419	3.1	4.53	315,524	220,945
1913.....	175	2,785	2.8	4.89	353,407	204,685
1914.....	159	2,454	2.6	4.78	381,860	209,261
1915.....	180	2,269	3.1	4.27	320,009	234,297
1916.....	165	2,226	2.6	3.77	385,900	265,094
1917.....	207	2,696	2.6	4.14	381,565	241,618
1918.....	250	2,580	2.9	3.80	347,411	262,873
1919.....	209	2,323	2.8	4.19	361,057	258,464
1920.....	181	2,272	2.4	3.45	408,401	289,729
1921.....	222	1,995	2.8	3.94	360,910	253,832
1922.....	150	1,984	2.5	4.16	307,962	240,309
1923.....	161	2,462	2.1	3.74	469,032	267,223
1924.....	184	2,402	2.5	4.20	392,982	237,974
1925.....	183	2,234	1.8	3.84	563,859	260,461
1926.....	165	2,518	2.4	3.83	423,111	261,241
1927.....	106	2,231	2.3	3.73	422,922	267,978
1928.....	139	2,176	2.5	3.78	404,396	264,749
1929.....	109	2,187	1.8	3.59	560,800	273,380
1930.....	112	2,014	2.1	3.79	482,456	263,869
1931.....	90	1,430	2.1	3.27	501,096	296,000
1932.....	114	923	3.3	3.02	299,305	331,167
1933.....	71	833	1.9	2.50	539,729	400,517
1934.....	86	958	2.1	2.60	321,886	375,123
1935.....	82	903	1.8	2.40	548,907	408,997
1936.....	93	1,057	1.8	2.44	553,504	411,000
1937.....	83	1,245	1.6	2.81	631,714	355,386

TABLE 48—NON-FATAL ACCIDENTS BY DISTRICTS AND MONTHS—1937.

District.	Number injured.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Monthly tabulation.	
		Number not returned.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.	Number injured.
					Total.	Average.		Total.	Average.		
First District— Shipping.....	175	18	4,414	28	110	1,588	14	2,826	60	January— Shipping.....	317
Local.....	28	2	833	33	15	235	16	618	56	Local.....	28
Second District— Shipping.....	97	16	2,801	28	52	711	14	1,590	55	February— Shipping.....	295
Local.....	35	7	1,121	40	15	207	14	914	70	Local.....	22
Third District— Shipping.....	78	6	2,125	30	46	689	15	1,436	55	March— Shipping.....	376
Local.....	51	14	1,159	31	25	389	16	770	64	Local.....	21
Fourth District— Shipping.....	449	45	13,865	34	257	3,832	15	10,033	68	April— Shipping.....	192
Local.....	24	4	529	26	14	206	15	323	54	Local.....	11
Fifth District— Shipping.....	191	26	6,960	42	72	1,188	17	5,772	62	May— Shipping.....	136
Local.....	31	9	569	26	15	222	15	347	50	Local.....	10
Sixth District— Shipping.....	312	52	9,739	36	137	2,066	15	7,173	58	June— Shipping.....	146
Local.....	10	3	183	26	6	93	16	90	90	Local.....	8
Seventh District— Shipping.....	159	26	4,412	33	80	1,218	15	3,194	60	July— Shipping.....	159
Local.....	27	4	672	29	12	215	16	457	42	Local.....	5
Eighth District— Shipping.....	114	20	3,634	39	57	887	16	2,747	74	August— Shipping.....	172
Local.....	25	1	632	27	16	266	17	386	48	Local.....	12
Ninth District— Shipping.....	236	33	6,047	30	140	2,131	15	3,916	62	September— Shipping.....	199
Local.....	13	2	394	30	8	111	14	283	57	Local.....	26
Tenth District— Shipping.....	428	54	13,707	37	208	3,327	16	10,380	62	October— Shipping.....	217
Local.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	Local.....	33
Eleventh District— Shipping.....	303	48	10,242	40	117	1,800	16	8,442	61	November— Shipping.....	230
Local.....	4	-----	76	19	3	43	14	53	33	Local.....	42
Twelfth District— Shipping.....	83	11	2,060	29	47	668	14	1,392	55	December— Shipping.....	246
Local.....	12	1	211	19	10	117	13	94	94	Local.....	44
Total shipping mines.....	2,625	355	79,006	35	1,323	20,105	15	58,901	62		2,625
Total local mines.....	262	47	6,419	30	139	2,104	15	4,315	57		262
Total all mines.....	2,887	402	85,425	34	1,462	22,209	15	63,216	62		2,887

TABLE 49—SUMMARY—DISPOSITION OF OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Total tons mined.	Disposition of output in tons.						Per cent of tonnage—					
		Loaded on cars for shipment.	Sold to railroad companies.	Supplied to motives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.	Tons handled by railroads.	Tons disposed of otherwise.	Handled by railroads.	Sold to local trade.	Consumed at mine.	Not sold including waste.
First.....	2,452,644	1,441,961	448,045	496	515,271	22,560	24,311	1,890,502	562,142	77.1	21.0	.9	1.0
Second.....	1,311,027	80,107	1,015,479	-----	207,696	5,838	1,907	1,095,586	215,441	83.6	15.9	.4	.1
Third.....	3,698,429	2,264,216	1,221,076	-----	121,758	15,788	75,611	3,485,292	213,137	94.2	3.3	.4	2.1
Fourth.....	7,082,204	5,440,195	1,048,077	12,492	528,273	38,099	15,058	6,500,764	581,530	91.8	7.5	.5	2.2
Fifth.....	2,055,848	1,034,280	715,582	2,330	243,537	13,066	47,063	1,782,192	303,656	85.2	11.9	.6	2.3
Sixth.....	4,443,863	1,098,422	2,905,333	18,741	342,195	131,000	38,770	4,015,478	428,385	90.4	4.5	3.0	2.1
Seventh.....	1,664,691	1,006,295	147,483	-----	351,683	60,511	38,771	1,213,778	450,913	72.9	21.1	4.6	2.4
Eighth.....	2,274,181	1,869,032	304,989	17,755	987,066	48,538	46,771	1,191,806	1,062,375	52.4	43.4	2.1	2.1
Ninth.....	7,094,631	3,753,634	2,317,322	*523,124	70,466	384,713	61,136	6,116,328	978,303	86.2	7.4	1.0	3.4
Tenth.....	10,108,267	6,737,182	2,808,575	100,992	124,063	337,432	9,545,760	962,567	94.4	1.0	1.0	3.4	
Eleventh.....	3,493,987	2,530,777	703,312	63,475	59,191	137,232	3,274,089	239,898	92.6	1.8	1.7	3.9	
Twelfth.....	2,382,214	1,624,776	658,158	20,972	20,972	44,217	39,111	2,277,914	104,300	95.6	.9	1.9	1.6
Total.....	48,062,076	27,930,937	14,291,416	97,156	3,866,042	633,707	1,242,818	42,319,509	5,742,567	88.1	8.0	1.3	2.6
Local mines.....	4,370,179	-----	-----	-----	4,073,775	198,795	97,609	-----	4,370,179	-----	93.2	4.5	2.3
All mines.....	52,432,255	27,930,937	14,291,416	97,156	7,939,817	832,502	1,340,427	42,319,509	10,112,746	80.7	15.1	1.6	2.6

\*367,011 tons supplied to Universal Washer.

## REPORT OF STATE INSPECTORS.

### FIRST DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, LaSalle, Livingston, Mercer, Putnam, Rock Island and Will for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
JOSEPH B. CASASSA, *Inspector.*

### FIRST DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal.....	9	9	9	9	9
Number of shipping mines.....	12	12	9	7	6
Number of local mines.....	113	149	170	197	137
Number of employees underground.....	2,085	2,203	2,273	2,261	1,963
Number of employees on surface.....	1,159	1,275	1,122	1,100	744
Total number employed.....	3,244	3,478	3,395	3,361	2,707
Tons of coal produced in shipping mines.....	2,452,644	2,452,586	1,930,673	1,777,138	1,891,521
Tons of coal produced in local mines.....	521,373	722,483	659,754	576,731	540,541
Tons of coal produced, total.....	2,974,017	3,175,069	2,590,427	2,353,869	2,432,062
Days operated, shipping mines, average.....	147	112	192	180	204
Days operated, local mines, average.....	116	156	117	111	132
Number of undercutting machines.....	28	25	25	20	23
Tons undercut.....	331,827	410,715	320,465	298,683	333,886
Tons mined by hand.....	378,642	473,187	548,713	496,082	517,249
Tons mined in strip mines.....	2,263,548	2,291,167	1,721,249	1,559,104	1,580,927
Number of loading machines used.....	-----	-----	-----	-----	-----
Tons loaded mechanically.....	3	-----	7	9	3
Number of fatal accidents.....	203	218	210	216	154
Number of non-fatal accidents.....	1,081	3,478	485	373	906
Number of employees to each fatality.....	16	16	16	14.6	17.6
Number employed to each non-fatal accident.....	991,339	3,175,069	370,061	261,541	810,687
Tons of coal mined to each fatality.....	14,650	14,564	12,335	10,898	15,792
Number of fatalities per 1,000 employed.....	.9	-----	2.1	2.7	1.1
Number injured per 1,000 employed.....	62.5	62.4	61.8	64.3	56.7

### ABANDONED MINES.

Will County Coal Co., Will County.  
Northeastern Illinois Coal Co., Grundy County.

## FATAL ACCIDENTS.

January 2, from injuries received on November 17, 1936 from fall of rock in Rural Coal Mine, William Walter Stone, aged 44 years, miner, single. No dependents.

January 8, Joseph Davito, contractor, aged 39 years, married, struck by cage at mine of Roanoke-Wilmington Coal Corp., leaving wife and three children.

January 27, James Hynds, miner, aged 66 years, married, struck by runaway car in mine of Prairie State Coal Co., leaving wife.



# FATAL ACCIDENTS, FIRST DISTRICT, 1937.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 8 Jan. 1939.	8 Jan. 27	Joseph Davito	39	Contractor.	Coal City.	Roanoke-Wilmington Coal Corp.					1	3	Struck by cage.
Jan. 27	27	James Hynds	66	Miner.	Granville.	Prairie State Coal Co.		1		1	1		Crushed by runaway car.
Nov. 17	Jan. 2	Wm. Walter Stone	44	Miner.	Sherrard.	Rural Coal Mine.			1				Fall of slate.

## NON-FATAL ACCIDENTS, FIRST DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.	Number injured.
						Total.	Average.		Total.	Average.		
Buffalo Rock Coal Co.	1		9	9	1	9	9				January	30
Illinois Zinc Co., No. 3.	10		347	35	7	100	14	3	247	82	February	27
Midland Electric Coal Co., No. 1.	17	3	407	29	11	150	14	3	257	86	March	27
Northeastern Illinois Coal Co.	1	1									April	6
Northern Illinois Coal Corp., No. 10.	19		594	31	14	220	16	5	374	75	May	4
Prairie State Coal Co.	28	6	707	32	11	157	13	11	350	50	June	11
Shuler Coal Mining Co.	10	1	389	43	6	79	13	3	310	103	July	9
Spring Valley Coal Mining Co.	39	5	849	25	27	421	16	16	428	61	August	13
Union Coal Co.	50	2	1,112	23	33	452	14	15	660	44	September	19
Shipping Mines.	175	18	4,414	28	110	1,588	14	47	2,826	60	October	22
Local mines.	28	2	853	33	15	235	16	11	618	56	November	17
Total.	203	20	5,267	29	125	1,823	15	58	3,444	59	December.	18
												203

## BUREAU COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
S-1	SHIPPING MINES.						
	Spring Valley Coal Mining Co.	Spring Valley ..	57, 207	7, 184	-----	-----	45, 379
	LOCAL MINES.						
	L. F. Brandt .....	Mineral .....	2, 800	-----	-----	-----	2, 800
L-2	*Jones & Brewer .....	Sheffield .....	425	-----	-----	-----	425
L-2	*Harvey Comp's Mine .....	Sheffield .....	1, 738	-----	-----	-----	1, 733
L-3	Gilbert Pollock .....	Sheffield .....	1, 878	-----	-----	-----	1, 878
L-4	Jenkins & Crosland .....	Mineral .....	768	-----	-----	-----	768
L-5	Oscar Carlson .....	Mineral .....	715	-----	-----	-----	705
L-6	Indian Hill Coal Mine .....	Mineral .....	2, 866	-----	-----	-----	2, 860
L-7	*Joseph E. Clark .....	Mineral .....	130	-----	-----	-----	130
L-7	*Jenkins & Crosland, No. 2 .....	Mineral .....	2, 000	-----	-----	-----	1, 950
	7 local mines total .....	-----	13, 320	-----	-----	-----	13, 249
	8 all mines total .....	-----	70, 527	7, 184	-----	-----	58, 628

## GRUNDY COUNTY

SHIPPING MINES.							
S-1	Northeastern Illinois Coal Co.	Morris	4, 512	2, 207	-----	-----	2, 305
S-2	Will County Coal Co.	Braidwood	5, 258	1, 200	-----	-----	4, 058
	2 shipping mines total	-----	9, 770	3, 407	-----	-----	6, 363
LOCAL MINES.							
L-1	Morocco Mine	Morris	74, 011	-----	-----	-----	73, 986
L-2	Verona Coal Mining Co.	Verona	40, 601	-----	-----	-----	40, 601
L-3	Skinner Coal Co., No. 3	South Wilmington	21, 222	-----	-----	-----	19, 680
L-4	Saratoga Mining Co.	Morris	17, 707	-----	-----	-----	17, 707
L-7	*J. L. Savage	Gardner	1, 466	-----	-----	-----	1, 266
L-7	*Clark City Coal Co.	Gardner	2, 400	-----	-----	-----	2, 300
L-11	Robert Condon, No. 2	Morris	1, 772	-----	-----	-----	1, 772
L-12	Heather Coal Co.	Morris	381	-----	-----	-----	377
L-13	Heather Coal Co., No. 2	Morris	178	-----	-----	-----	173
L-14	Coal City Coal Co., No. 1	Coal City	20	-----	-----	-----	8
	9 local mines total	-----	159, 758	-----	-----	-----	157, 870
	11 all mines total	-----	169, 528	3, 407	-----	-----	164, 233

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
4,042	602	260	128	-----	-----	-----	-----	-----	-----	-----	57,207	-----	40	S-1
-----	-----	8	200	40	-----	-----	-----	-----	-----	-----	2,800	-----	1	L-1
-----	5	11	60	-----	-----	-----	-----	-----	-----	-----	425	-----	-----	L-2
-----	-----	7	190	50	-----	-----	-----	-----	-----	-----	1,738	-----	1	L-2
-----	-----	7	300	85	-----	-----	-----	-----	-----	-----	1,878	-----	1	L-3
-----	-----	11	65	-----	-----	-----	-----	-----	-----	-----	768	-----	1	L-4
-----	10	4	130	-----	-----	-----	-----	-----	-----	-----	715	-----	-----	L-5
6	-----	9	190	100	-----	-----	-----	-----	-----	-----	2,866	-----	-----	L-6
-----	-----	3	20	10	-----	-----	-----	-----	-----	-----	130	-----	-----	L-7
50	-----	12	120	40	-----	-----	-----	-----	-----	-----	2,000	-----	-----	L-7
56	15	64	182	325	-----	-----	-----	-----	-----	-----	13,320	-----	4	-----
4,098	617	324	175	325	-----	-----	-----	-----	-----	-----	70,527	-----	44	-----

## FIRST DISTRICT.

-----	-----	30	35	-----	200	750	-----	-----	-----	-----	-----	4,512	-----	S-1
-----	-----	62	14	-----	-----	-----	-----	-----	-----	-----	-----	5,258	-----	S-2
-----	-----	92	25	-----	200	750	-----	-----	-----	-----	-----	9,770	-----	-----
25	-----	18	200	-----	11,000	-----	-----	-----	-----	-----	74,011	-----	3	L-1
-----	-----	44	187	-----	-----	5,000	2	1	40,601	-----	-----	-----	-----	L-2
935	607	74	158	10	-----	-----	-----	-----	-----	21,222	-----	-----	8	L-3
-----	-----	15	153	-----	700	2,150	-----	-----	-----	-----	17,707	-----	1	L-4
150	50	12	57	-----	2,000	-----	-----	-----	-----	1,466	-----	-----	-----	L-7
100	-----	20	50	120	-----	-----	-----	-----	-----	2,400	-----	-----	2	L-7
-----	-----	8	151	76	-----	-----	-----	-----	-----	1,772	-----	-----	-----	L-11
4	-----	4	74	-----	-----	-----	-----	-----	-----	381	-----	-----	-----	L-12
5	-----	4	65	-----	-----	-----	-----	-----	-----	178	-----	-----	-----	L-13
12	-----	4	10	-----	50	-----	-----	-----	-----	20	-----	-----	-----	L-14
1,231	657	187	123	206	13,700	2,200	5,000	2	1	40,601	27,439	91,718	12	-----
1,231	657	279	105	206	13,900	2,950	5,000	2	1	40,601	27,439	101,488	12	-----

## HENRY COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Midland Electric Coal Corp., No. 1.	Atkinson.....	536, 564	338, 292	174, 489		13, 687
S-2	Shuler Coal Mining Co.....	Alpha.....	85, 691	40, 251	10, 328		32, 942
	2 shipping mines total.....		622, 255	378, 543	184, 817		46, 629
LOCAL MINES.							
L-1	Valley View Coal Co.....	Coal Valley...	28, 553				28, 210
L-2	Warner Coal Co.....	Orion.....	30, 874				30, 724
L-3	Quality Mining Co.....	Geneseo.....	7, 920				7, 609
L-4	Black Hawk Coal Co.....	Coal Valley...	5, 563				5, 548
L-5	Lamb & Powers.....	Kewanee.....	3, 383				3, 377
L-6	Pettit & Head.....	Kewanee.....	3, 275				3, 275
L-7	*Wm. T. Lamb.....	Kewanee.....	330				328
L-7	*Wm. T. Lamb & Son.....	Kewanee.....	332				330
L-8	Chas. Oltman & Sons.....	Geneseo.....	2, 750				2, 746
L-9	Crescent Coal Co.....	Kewanee.....	3, 507				3, 291
L-10	Roach Bros.....	Opheim.....	1, 427				1, 247
L-10	Long View Coal Co.....	Coal Valley...	5, 687				5, 651
L-11	Kewanee Coal Co.....	Kewanee.....	1, 963				1, 598
L-12	North Coal Co.....	Kewanee.....	656				627
L-14	Black Diamond Coal Co.....	Kewanee.....	30				30
L-15	Ratchliffe Fuel Co.....	Kewanee.....	1, 440				1, 440
L-16	Crescent Coal & Mining Co.....	Moline.....	4, 849				4, 849
L-18	*Ripka & Bates Coal Co.....	Kewanee.....	564				544
L-18	*Lyle Bros.....	Kewanee.....	50				50
L-19	New Deal Coal Co.....	Kewanee.....	590				490
L-20	Abb Hodgett.....	Kewanee.....	577				577
L-21	New North East Coal Co.....	Kewanee.....	1, 042				937
L-23	Rock River Coal Co.....	Coal Valley...	534				534
L-24	Star Coal Co.....	Kewanee.....	261				241
L-27	New Square Deal Mine.....	Kewanee.....	39				39
L-28	Rock River View, No. 1.....	Colona.....	182				179
L-29	Spring Creek Coal Co.....	Geneseo.....	305				305
	24 local mines total.....		106, 683				104, 776
	26 all mines total.....		728, 938	378, 543	184, 817		151, 405

## LA SALLE COUNTY

SHIPPING MINES.							
S-1	Buffalo Rock Coal Co.	Ottawa.	38, 924	21, 228	96	-----	16, 728
S-2	Illinois Zinc Co., No. 3.	Peru.	50, 670	15, 994	-----	-----	34, 019
S-3	Union Coal Co.	Peru.	154, 819	57, 783	-----	-----	95, 833
S-4	Wilmington Coal Mines, Inc.	Morris.	46, 306	39, 239	-----	-----	7, 067
S-5	Osage Coal Co., No. 1.	Ottawa.	108, 813	19, 838	-----	-----	86, 575
	5 shipping mines total.	-----	399, 532	154, 082	96	-----	240, 222

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of —		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
4,881	5,215	166	286		47,350	500						536,564		Z-1
1,627	543	140	191	7,762							85,691		25	Z-2
6,508	5,758	306	239	7,762	47,350	500					85,691	536,564	26	
20	323	50	150	1,570				1	2	5,453	23,100		12	L-1
150		55	158	2,090					1		30,874		6	L-2
311		18	200	600						2,494	5,426		3	L-3
15		12	153	149	2,450						5,563		2	L-4
6		10	200								3,383		1	L-5
		9	220								3,275			L-6
2		4	37								330		1	L-7
2		4	36								332		1	L-7
4		8	210	157							2,750			L-8
216		9	277								3,507			L-9
180		6	90		1,625						1,427			L-10
36		12	153	1	5,450			1		1,292	4,395			L-10
365		6	162	150							1,963			L-11
29		6	67								656			L-12
		5	30								30			L-14
		6	144	74							1,440			L-15
		14	150		11,000						4,849		2	L-16
20		6	40								564			L-18
		4	23								50			L-18
60	40	4	92								590			L-19
		4	106								577			L-20
40	65	4	187								1,042			L-21
		7	100	45							534		1	L-23
20		4	62								261			L-24
		6	12								39			L-27
	3	4	52	9							182			L-28
		8	67	40							305			L-29
1,476	431	276	132	4,881	20,525			3	3	9,239	97,444		28	
7,984	6,189	582	141	12,646	67,875	500		3	3	9,239	183,135	536,564	54	

## FIRST DISTRICT.

	872	24	121		5,200							38,924		Z-1
439	218	126	176					1		45,282	5,388		12	Z-2
180	1,023	336	213					5	2	154,819			40	Z-3
		42	67									46,306		Z-4
2,400		65	204									108,813		Z-5
3,019	2,113	593	156		5,200			6	2	200,101	5,388	194,043	52	

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Matthiessen & Hegeler	LaSalle	6,076				1,592
L-3	Zinc Co.	Streator	14,789				14,789
L-4	Starved Rock Coal & Mining Co.	Utica	4,038				4,038
L-5	*Smith & Harrington Co.	Marseilles	2,318				2,318
L-5	*South Ottawa Fuel & Mining Co.	Ottawa	1,000				700
L-7	Chicago Retort & Fire Brick Co.	Ottawa	6,972				
L-8	M. & O. Coal Co.	Marseilles	4,891				4,351
L-9	W. H. Muntz	Streator	2,797				2,797
L-10	Spring Lake Coal Co.	Streator	10,110				10,070
L-11	Midwest Brick Co.	Lowell	431				
L-12	McLean Coal Co.	Ottawa	1,700				1,685
L-13	Streator Union Coal Co.	Streator	1,473				1,473
L-15	Hill Side Coal Mine	Streator	598				598
L-16	Mitchell & Brown	Streator	1,191				1,186
L-17	Blue Eagle Coal Co.	Streator	934				852
L-18	Clarence Kimes	Streator	2,134				2,134
L-19	William C. Stevenson	Ottawa	360				360
L-20	Andrew Kollar	Streator	824				824
L-21	Roy Meyers	Ottawa	333				301
L-22	Waggener Coal Co.	Ottawa	480				465
L-24	Adam Ampusitis	Ottawa	300				300
L-25	Chas. J. Brooker	Utica	113				113
L-26	*Ottawa Mining Co.	Ottawa	5,424				5,424
L-26	*Dwin Coal Co.	Ottawa	240				240
L-27	Fox River Clay Works	Dayton	200				75
L-28	McMillin Bros.	Streator	359				359
L-30	Wm. Woods	Streator	859				859
L-31	Elvin Huber	Streator	300				250
L-32	Moran Coal Co.	Streator	1,383				1,383
L-33	R. C. Iliff	Ottawa	450				450
L-34	Joe Senko	Streator	300				300
L-36	Silver Clay & Coal Co.	Marseilles	248				248
L-37	J. L. Johnson	Ottawa	80				75
L-40	Leo Brown	Ottawa	1,500				1,500
L-41	Thirl Costen, No. 1	Tonica	113				98
L-45	*Brooker Bros.	Utica	152				152
L-45	*Wm. Brooker	Utica	78				78
L-47	John Martino	Utica	85				85
L-50	William Pettigrew	Peru	60				20
L-55	Midwest Mining Co.	Marseilles	503				358
L-56	Mike Corrigan	Ottawa	75				75
L-61	Prairie Coal Co.	Ottawa	500				400
L-64	C. A. Connors, No. 1	Ottawa	153				153
L-87	Baiett & Talbot	Streator	204				204
L-88	Carlin Worthington	Streator	69				69
42 local mines total			77,197				63,801
47 all mines total			476,729	154,082	96		304,023

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIRST DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Explosives used for blasting coal.				Number of—		Tons mined by machine	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.		Days of active operation.	Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.				
4,484		134	18		50	350		5	2	6,076		6	L-1
		26	177		5,000			1		14,789		4	L-3
			12		400						4,038		L-4
			14		45						2,318		L-5
	300	8	44		500						1,000		L-5
6,972		2	95	126							6,972		L-7
540		28	180	2				1		2,033		3	L-8
		18	200	98							2,797	2	L-9
30	10	6	173										L-10
431			3			50							L-11
15		2	14	10									L-12
		4	189	40						1,473			L-13
		3	87	30		10				598			L-15
5		4	200	90						1,191			L-16
82		4	180	54						934			L-17
		6	180							2,134		1	L-18
		3	45								360		L-19
		4	112	10	50						824		L-20
2	30	6	90			50					333		L-21
15		2	145	12						480			L-22
		2	90	10						300			L-24
		14	60	5						113		1	L-25
		6	79		1,000						5,424		L-26
	125		40								240		L-26
		4	100	21							200		L-27
		3	78	2							359	1	L-28
		4	60	10							859		L-30
		4	168	55						300			L-31
		5	26							1,383			L-32
		4	70	15							450		L-33
		4	165		50	200		1		300		1	L-34
5		4	60	1								1	L-36
		1									80		L-37
	15	4	144	5							1,500		L-40
		2	65	5						113			L-41
		2	45	5						152		1	L-45
		2	37	3						78		1	L-45
40		1	120							85			L-47
145		1	141		150					60			L-50
		1	35	2						503			L-55
		4	60								75		L-56
		2	120	4		100				153			L-61
		2	35		200						204		L-64
		3	25	3						69			L-87
12,916	480	352	92	617	7,400	760		8	2	23,146	16,433	21	
15,935	2,593	945	97	617	12,600	760		14	4	223,247	21,821	73	

## LIVINGSTON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Coalville Coal Co.	Streator	6,700				6,700
L-3	Indian Creek Coal Co.	Fairbury	7,473				6,944
L-5	Renner & Sons	Streator	650				589
L-6	John J. Barry	Streator	170				170
L-7	Katcher, Wargo & Barry	Streator	364				339
L-9	Dennis Hamilton	Streator	154				148
L-15	Hyduk Coal Co.	Streator	110				85
L-16	Guyon & Liptak	Streator	309				309
L-19	Briner & Miller	Long Point	169				154
L-25	Henry Wonders	Streator	54				54
	10 local mines total		16,153				15,492

## MERCER COUNTY

LOCAL MINES.							
L-1	Pease Coal Co. ....	Viola .....	3,000	-----	-----	-----	2,500
L-2	Frye & Bollman .....	Viola .....	6,182	-----	-----	-----	5,002
L-3	Never Seen Coal Co. ....	Matherville .....	6,172	-----	-----	-----	6,172
L-4	Essley Coal Co. ....	Viola .....	5,009	-----	-----	-----	4,559
L-5	C. G. Dorman .....	Viola .....	600	-----	-----	-----	600
L-6	Koresko Coal Co. ....	Viola .....	40	-----	-----	-----	40
L-7	*Kness Coal Co. ....	Viola .....	2,224	-----	-----	-----	1,991
L-7	*Four In One Coal Co. ....	Viola .....	1,146	-----	-----	-----	966
L-8	*Max Myers .....	Viola .....	600	-----	-----	-----	600
L-8	*Richardson Coal Co. ....	Viola .....	1,414	-----	-----	-----	1,344
L-9	Lee Bros. ....	Matherville .....	223	-----	-----	-----	223
L-10	Smith & Staley .....	Aledo .....	72	-----	-----	-----	71
L-11	Charles Smith .....	Viola .....	199	-----	-----	-----	193
L-14	Eugene Hayburn .....	Viola .....	492	-----	-----	-----	487
L-15	Little Star Coal Mine .....	Viola .....	175	-----	-----	-----	175
L-16	J. M. Guthrie Co. ....	Viola .....	377	-----	-----	-----	377
14 local mines total .....			27,925	-----	-----	-----	26,300

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
263	266	31	180	520							6,700		2	L-1
11	50	15	142		1,025			1		7,473			4	L-3
		4	140	15							650		1	L-5
25		1	30									170		L-6
6		4	180	4							364			L-7
25		3	92								154			L-9
		2	40									110		L-15
		4	38									309		L-16
15		3	33									169		L-19
		3	15	1							54			L-25
345	316	70	89	540	1,025			1		7,473	7,922	758	7	

## FIRST DISTRICT.

500		9	160	200							3,000		2	L-1
180		12	154	424							6,182		1	L-2
		20	165	525							6,172		3	L-3
200	250	16	102	397							5,009		2	L-4
		7	225	40							600		2	L-5
		3	2	4							40		1	L-6
233		7	50	150				1			2,224		1	L-7
180		5	46	100				1			1,146		2	L-7
		8	90	60							600		2	L-8
70		11	90	50							1,414		1	L-8
		4	52		525						223			L-9
1		3	55	9							72			L-10
6		2	102	25							199			L-11
5		5	105	50							492			L-14
		3	100	30							175		1	L-15
		3	42	35							377			L-16
1,375	250	103	110	2,099	525			2			27,925		15	

## PUTNAM COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
S-1	Prairie State Coal Co. ....	Granville .....	45, 879	24, 573	688	496	15, 394

## ROCK ISLAND COUNTY

LOCAL MINES.							
L-1	Mielke Bros.....	Coal Valley.....	34, 995				33, 672
L-2	Wooley-Peters-Lawson.....	Coal Valley.....	3, 382				3, 382
L-3	Rural Coal Co.....	Coal Valley.....	2, 438				2, 438
L-4	Pryce Coal Mine.....	Coal Valley.....	942				942
L-6	Blue Eagle Coal Mine.....	Moline.....	2, 124				2, 124
L-7	*Eithel Richardson.....	Coal Valley.....	350				320
L-7	*Banfield Bros.....	Coal Valley.....	1, 030				960
6 local mines total.....			45, 261				43, 838

## WILL COUNTY

SHIPPING MINES.							
S-1	Northern Illinois Coal Corp., No. 10.....	Wilmington.....	1, 318, 001	874, 172	262, 444		161, 284
LOCAL MINES.							
L-1	Wilmington Coal Mining Co....	Braidwood.....	75, 076				75, 051
2 all mines total.....			1, 393, 077	874, 172	262, 444		236, 335

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
1, 248	3, 480	348	63	-----	-----	-----	-----	6	2	33, 899	11, 980	-----	37	S-1

## FIRST DISTRICT.

123	1, 200	48	208	96	19, 700	-----	-----	1	-----	14, 930	20, 065	-----	8	L-1
-----	-----	7	245	340	-----	-----	-----	-----	-----	-----	3, 382	-----	2	L-2
-----	-----	6	165	500	-----	-----	-----	1	-----	2, 438	-----	-----	1	L-3
-----	-----	8	150	160	-----	-----	-----	-----	-----	-----	942	-----	1	L-4
-----	-----	6	154	212	-----	-----	-----	-----	-----	-----	2, 124	-----	-----	L-6
30	11	30	30	-----	-----	-----	-----	-----	-----	-----	350	-----	1	L-7
70	8	37	-----	1, 600	-----	-----	-----	-----	-----	-----	1, 030	-----	1	L-7
223	1, 200	85	165	838	21, 800	-----	-----	2	-----	17, 368	27, 893	-----	13	

## FIRST DISTRICT.

7, 743	12, 358	486	269	-----	29, 950	276, 950	3, 000	-----	-----	-----	-----	1, 318, 001	-----	S-1
25	-----	22	210	-----	-----	-----	-----	-----	-----	-----	-----	75, 076	-----	L-1
7, 768	12, 358	508	240	-----	29, 950	276, 950	3, 000	-----	-----	-----	-----	1, 393, 077	-----	

## FIRST DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine	All coal not sold including waste.
Bureau.....	1	57,207	7,184	-----	-----	45,379	4,042	602
Grundy.....	2	9,770	3,407	-----	-----	6,363	-----	-----
Henry.....	2	622,255	378,543	184,817	-----	46,629	6,508	5,758
LaSalle.....	5	399,532	154,082	96	-----	240,222	3,019	2,113
Putnam.....	1	45,879	24,573	688	496	15,394	1,248	3,480
Will.....	1	1,318,001	874,172	262,444	-----	161,284	7,743	12,358
Total.....	12	2,452,644	1,441,961	448,045	496	515,271	22,560	24,311

## LOCAL

Bureau.....	7	13,320	-----	-----	-----	13,249	56	15
Grundy.....	9	159,758	-----	-----	-----	157,870	1,231	657
Henry.....	24	106,683	-----	-----	-----	104,776	1,476	431
LaSalle.....	42	77,197	-----	-----	-----	63,801	12,916	480
Livingston.....	10	16,153	-----	-----	-----	15,492	345	316
Mercer.....	14	27,925	-----	-----	-----	26,300	1,375	250
Rock Island.....	6	45,261	-----	-----	-----	43,838	223	1,200
Will.....	1	75,076	-----	-----	-----	75,051	25	-----
Total.....	113	521,373	-----	-----	-----	500,377	17,647	3,349

## ALL

Bureau.....	8	70,527	7,184	-----	-----	58,628	4,098	617
Grundy.....	11	169,528	3,407	-----	-----	164,233	1,231	657
Henry.....	26	728,938	378,543	184,817	-----	151,405	7,984	6,189
LaSalle.....	47	476,729	154,082	96	-----	304,023	15,935	2,593
Livingston.....	10	16,153	-----	-----	-----	15,492	345	316
Mercer.....	14	27,925	-----	-----	-----	26,300	1,375	250
Putnam.....	1	45,879	24,573	688	496	15,394	1,248	3,480
Rock Island.....	6	45,261	-----	-----	-----	43,838	223	1,200
Will.....	2	1,393,077	874,172	262,444	-----	236,335	7,768	12,358
Total.....	125	2,974,017	1,441,961	448,045	496	1,015,648	40,207	27,660

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of—		Tons mined by—			Number of animals under ground.
		Pow-der—kegs.	Pellet powder—pounds.	Dyna-mite—pounds.	Permis-sible—pounds.	Min-ing ma-chines used.	Mo-tors in use.	Ma-chine.	Hand.	Strip-ping.	
260	128	-----	-----	-----	-----	-----	-----	-----	57,207	-----	40
92	25	-----	200	750	-----	-----	-----	-----	-----	9,770	-----
306	239	7,762	47,350	500	-----	-----	-----	-----	85,691	536,564	26
593	156	-----	5,200	-----	-----	6	2	200,101	5,388	194,043	52
348	63	-----	-----	-----	-----	6	2	33,899	11,980	-----	37
466	269	-----	29,950	276,950	3,000	-----	-----	-----	-----	1,318,001	-----
2,085	147	7,762	82,700	278,200	3,000	12	4	234,000	160,266	2,058,378	155

## MINES.

64	182	325	-----	-----	-----	-----	-----	-----	13,320	-----	4
187	123	206	13,700	2,200	5,000	2	1	40,601	27,439	91,718	12
276	132	4,884	20,525	-----	-----	3	3	9,239	97,444	-----	28
352	92	617	7,400	760	-----	8	2	23,146	16,433	37,618	21
70	89	540	1,025	-----	-----	1	-----	7,473	7,922	758	7
103	110	2,099	525	-----	-----	-----	2	-----	27,925	-----	15
85	165	838	21,800	-----	-----	2	-----	17,368	27,893	-----	13
22	210	-----	-----	-----	-----	-----	-----	-----	-----	75,076	-----
1,159	116	9,509	64,975	2,960	5,000	16	8	97,827	218,376	205,170	100

## MINES.

324	175	325	-----	-----	-----	-----	-----	-----	70,527	-----	44
279	105	206	13,900	2,950	5,000	2	1	40,601	27,439	101,488	12
582	141	12,646	67,875	500	-----	3	3	9,239	183,135	536,564	54
945	97	617	12,600	760	-----	14	4	223,247	21,821	231,661	73
70	89	540	1,025	-----	-----	1	-----	7,473	7,922	758	7
103	110	2,099	525	-----	-----	-----	2	-----	27,925	-----	15
348	63	-----	-----	-----	-----	6	2	33,899	11,980	-----	37
85	165	838	21,800	-----	-----	2	-----	17,368	27,893	-----	13
508	240	-----	29,950	276,950	3,000	-----	-----	-----	-----	1,393,077	-----
3,244	119	17,271	147,675	281,160	8,000	28	12	331,827	378,642	2,263,548	255

## SECOND DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Second Inspection District, comprising the coal producing counties of Marshall, Peoria, Stark, Tazewell and Woodford, for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
GEORGE H. DEEMY, *Inspector.*

## SECOND DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	8	8	8	8	8
Number of local mines.....	101	125	114	125	155
Number of employees underground.....	2,356	2,525	2,503	2,650	2,577
Number of employees on surface.....	372	265	277	262	305
Total number employed.....	2,728	2,790	2,780	2,912	2,882
Tons of coal produced in shipping mines.....	1,311,027	1,564,677	1,460,046	1,568,939	1,475,730
Tons of coal produced in local mines.....	562,278	503,449	486,377	432,577	420,705
Tons of coal produced, total.....	1,873,305	2,068,126	1,946,423	2,001,516	1,896,435
Days operated, shipping mines, average.....	140	165	173	181	181
Days operated, local mines, average.....	151	118	120	134	119
Number of undercutting machines.....	92	96	92	93	82
Tons undercut.....	1,627,047	1,824,092	1,665,255	1,694,914	1,622,198
Tons mined by hand.....	246,258	243,114	279,468	304,002	269,068
Tons mined in strip mines.....		920	1,700	2,600	5,169
Number of loading machines used.....	3	3	2		
Tons loaded mechanically.....	126,811	106,621	30,730		
Number of fatal accidents.....	3	5	4	3	1
Number of non-fatal accidents.....	132	120	170	154	194
Number of employees to each fatality.....	909	558	695	971	2,882
Number employed to each non-fatal accident.....	20.6	23	16	18.9	15
Tons of coal mined to each fatality.....	624,435	413,625	486,606	667,172	1,896,435
Tons mined to each non-fatal accident.....	14,192	17,234	11,450	12,997	9,775
Number of fatalities per 1,000 employed.....	1.0	1.8	1.4	1.0	.3
Number injured per 1,000 employed.....	48.4	43.0	61.1	52.9	67.3

## CHANGE OF NAME.

Glenwood Mining Co. No. 3 to Central West Coal Co.

## FATAL ACCIDENTS.

June 27, Louis Nagy, company man, aged 43 years, single, killed by fall of slate in mine of Superior Coal Co. No dependents.

July 12, Arthur Francis McGurk, miner, aged 71 years, widower, killed by fall of slate in mine No. 6 of the Crescent Mining Co., leaving dependent daughter.

September 21, Vincent Arriotto, miner, aged 54 years, married, killed by fall of slate in mine No. 1 of the Lake Erie Mining Co., leaving wife and one child.



## MARSHALL COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Eagle Coal Mine.....	Sparland.....	1,497				1,497
L-2	C. F. Davis.....	Sparland.....	650				650
L-3	J. H. Pearson.....	Henry.....	650				650
L-4	*Babington Bros.....	Sparland.....	384				384
L-4	*Hunt Coal Co.....	Sparland.....	816				816
L-5	W. H. Simpson.....	Sparland.....	513				513
L-6	Kear Coal Mine.....	Sparland.....	900				900
L-7	Dawson Bros.....	Sparland.....	936				936
L-9	Babington & Ingram.....	Sparland.....	798				798
L-10	Walter E. Crew.....	Sparland.....	1,291				1,291
L-11	Wilbur Nyswonger.....	Sparland.....	340				340
L-14	Frank Colwell.....	Henry.....	585				585
L-16	Robert E. Crew, No. 2.....	Sparland.....	241				241
L-17	Thos. Lopeman.....	Chillicothe.....	565				565
L-18	Wilkins & Johnson.....	Sparland.....	96				96
L-22	William Hillman.....	Sparland.....	683				683
L-26	Vincent Dobrich.....	Sparland.....	255				255
16 local mines total.....			11,200				11,200

## PEORIA COUNTY

SHIPPING MINES.							
S-1	Crescent Mining Co., No. 1.....	Peoria.....	447,908	1,271	442,580	-----	3,488
S-2	Crescent Mining Co., No. 6.....	Peoria.....	563,321	27,067	493,790	-----	41,636
S-3	Dorthel Coal Co., No. 1.....	Hanna City.....	92,169	16,022	49,465	-----	26,132
S-4	Central West Coal Co., No. 3.....	Edwards.....	8,638	4,513	2,110	-----	2,015
4 shipping mines total.....			1,112,036	48,873	987,945	-----	73,271
LOCAL MINES.							
L-1	Edward Mohn & Son.....	Bartonville.....	77,080	-----	-----	-----	76,980
L-2	Hilltop Mine.....	Peoria.....	38,114	-----	-----	-----	38,079
L-3	Middle Road Coal Co.....	Peoria.....	21,683	-----	-----	-----	21,683
L-4	Dry Run Coal Co.....	Glasford.....	29,305	-----	-----	-----	29,255
L-5	Treasure Coal Co.....	Bartonville.....	20,465	-----	-----	-----	19,665
L-6	Lightbody Coal Co.....	Glasford.....	20,487	-----	-----	-----	20,487
L-7	Big Hollow Colliery Co.....	Peoria.....	24,981	-----	-----	-----	23,661
L-8	Vicary Bros.....	Peoria.....	13,733	-----	-----	-----	13,033
L-9	Reed City Co-operative Coal Co.....	Mapleton.....	8,432	-----	-----	-----	8,432
L-10	Lucky Strike Coal Mine.....	Peoria.....	6,948	-----	-----	-----	6,948
L-11	Black Jewel Coal Co.....	Oak Hill.....	3,844	-----	-----	-----	3,844
L-12	*Jay Bird Mine.....	Oak Hill.....	1,752	-----	-----	-----	1,752
L-12	*Lester Johnson.....	Oak Hill.....	1,931	-----	-----	-----	931
L-13	Kickapoo Valley Coal Co.....	Oak Hill.....	4,536	-----	-----	-----	4,536
L-14	Beverly Hills Coal Co.....	Peoria.....	4,267	-----	-----	-----	4,267
L-15	A. & T. Coal Co.....	Peoria.....	4,706	-----	-----	-----	4,620
L-16	*H. Johnson & Sons.....	Oak Hill.....	1,458	-----	-----	-----	1,458
L-16	*Johnson & Sargent.....	Oak Hill.....	2,228	-----	-----	-----	2,228
L-17	Pleasant Hill Coal Mine.....	Pleasant Hill.....	1,992	-----	-----	-----	1,992
L-18	Sarn Cui Coal Mine.....	Mapleton.....	2,000	-----	-----	-----	2,000
L-19	Roberts Coal Co.....	Mapleton.....	9,121	-----	-----	-----	9,096
L-20	Snider Coal Co.....	Oak Hill.....	4,800	-----	-----	-----	4,800
L-21	Henry Knaggs.....	Peoria.....	4,109	-----	-----	-----	4,109

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.





Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-22	*Fred Murnane.....	Princeville.....	1, 240				1, 233
L-22	*James Rowcliffe Coal Mine.....	Princeville.....	1, 299				1, 299
L-23	A. & P. Coal Co.....	Peoria.....	2, 255				2, 255
L-25	Rinaldo-Matthew.....	Mapleton.....	3, 975				3, 908
L-26	Brady White Coal Co.....	Peoria.....	1, 920				1, 631
L-27	S. R. Stever.....	Peoria.....	2, 500				2, 500
L-28	Henry Schmidt.....	Peoria.....	1, 200				900
L-29	Cusack Coal Co., No. 1.....	Edwards.....	1, 820				1, 670
L-30	Mapleton Coal & Mining Co.....	Mapleton.....	2, 500				2, 500
L-31	Turner & Son.....	Edwards.....	1, 435				1, 435
L-32	Big Bear Coal Co.....	Peoria.....	1, 670				1, 520
L-33	Andrew Sepesi.....	Peoria.....	3, 836				3, 800
L-34	Glasford Coal Co.....	Glasford.....	4, 804				4, 804
L-36	Hollis Coal Co.....	Peoria.....	732				704
L-37	Howard Scott.....	Mapleton.....	800				800
L-38	White Ash Coal Co.....	Hanna City.....	910				910
L-39	Shamrock Coal Mine, No. 1.....	Pottstown.....	680				680
L-40	Thomas Hunt.....	Edwards.....	580				580
L-41	Seghi Bros. Sunnyside.....	Oak Hill.....	5, 567				5, 567
L-43	T. T. McDaniel.....	Peoria.....	1, 370				1, 370
L-44	Harry Becker.....	Hanna City.....	2, 191				2, 161
L-46	Thos. B. Camp.....	Princeville.....	386				386
L-47	Geo. Fritze.....	Princeville.....	184				184
L-48	Whip-Poor-Will Coal Co.....	Peoria.....	1, 992				1, 992
L-49	Mohn & Callear.....	Peoria.....	1, 784				1, 784
L-50	Young Coal Co.....	Peoria.....	682				672
L-51	J. L. Stear.....	Edwards.....	1, 953				1, 953
L-52	Patton Coal Co.....	Peoria Heights.....	1, 382				1, 353
L-53	E. H. Stenstrom.....	Oak Hill.....	1, 068				1, 018
L-56	Forrest French.....	Oak Hill.....	780				765
L-59	West Point Coal Co.....	Edwards.....	175				175
L-60	Peter S. Walck & Son.....	Peoria.....	68				68
L-61	John H. Smith.....	Mapleton.....	134				128
L-62	William Kirkman, No. 1.....	Oak Hill.....	840				840
L-63	Calhoun Coal Co.....	Princeville.....	2, 832				2, 832
L-65	Maple Ridge Coal Co.....	Edwards.....	65				65
L-66	Gruber Bros.....	Edwards.....	1, 694				1, 694
L-67	*Oak Hill Coal Co.....	Oak Hill.....	90				90
L-67	*Frank Price.....	Oak Hill.....	500				500
L-71	Peter D. Hoffman.....	Edwards.....	600				600
L-73	Three C. Coal Co.....	Hanna City.....	72				72
L-78	Lorenzo Clarkson.....	Brimfield.....	55				55
L-79	P. & H. Coal Co.....	Brimfield.....	95				95
L-80	Lawrence Dawson.....	Oak Hill.....	500				500
L-81	William Blender.....	Peoria.....	1, 665				1, 505
L-82	Hannigan Coal Co., No. 1.....	Edwards.....	1, 800				1, 800
L-83	Big 4 Coal Co.....	Elmwood.....	419				419
L-84	Lea Bros., No. 2.....	Peoria.....	3, 413				3, 280
L-86	Spring Hill Coal Co., No. 1.....	Peoria.....	200				200
L-87	Mannen-Buhl.....	Edwards.....	57				57
69 local mines total.....			373, 681				369, 165
73 all mines total.....			1, 485, 717	48, 873	987, 945		442, 436

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## SECOND DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.		Days of active operation.	Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.				
7		9	86	85						1,240			L-22
		6	211		1,775					1,299			L-22
		6	178	213						2,255		1	L-23
67		4	343	239						3,975		1	L-25
289		7	70	192						1,920		1	L-26
		9	120	160						2,500			L-27
300		9	156	100						1,200		1	L-28
50	100	6	105	200						1,820		1	L-29
		9	140	185						2,500		1	L-30
		4	234		1,825					1,435			L-31
150		5	135	130						1,670		1	L-32
36		7	207	400						3,836		1	L-33
		9	142	495						4,804		2	L-34
12	16	3	115	61						732		1	L-36
		2	156	40						800		1	L-37
		3	180	70						910			L-38
		2	143		1,875					680		1	L-39
		2	200	37						580			L-40
		8	189	436						5,567		1	L-41
		7	75	90						1,370		1	L-43
30		8	137	146						2,191		1	L-44
		5	120	45						386		1	L-46
		2	45							184		1	L-47
		4	243	127						1,992		1	L-48
		4	199	165						1,784		1	L-49
10		2	160	40						682			L-50
		6	125							1,953			L-51
29		4	105	138						1,382		1	L-52
15	35	7	70	71						1,068		1	L-53
15		6	70	78						780		1	L-56
		3	30	16						175			L-59
		2	38		100					68			L-60
6		2	37	3	25					134			L-61
		4	70	90						810		1	L-62
		10	200	225						2,832			L-63
		2	41	7						65			L-65
		3	270	3	750	30		1	1,694				L-66
		3	15	9						90		1	L-67
		5	72	40						500		1	L-67
		3	180		1,500					600			L-71
		4	18	8						72			L-73
		1	62							55			L-78
		4	50							95			L-79
		4	66	21						500		1	L-80
40	120	4	183	189						1,665			L-81
		4	200	100						1,800			L-82
		4	50	69						419			L-83
40	93	12	102		1,900			1	3,413			1	L-84
		3	210	30						200			L-86
		3	21		125					57			L-87
3,782	734	690	150	13,615	50,750	30		18	8	221,601	152,080		76
4,891	1,572	1,794	148	13,760	379,600	30		69	23	1,333,637	152,080		178

## STARK COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Mark Plotner.....	Wyoming.....	3, 279				3, 260
L-2	James Scott.....	Wyoming.....	7, 400				7, 000
L-3	Ray Durant.....	Bradford.....	2, 052				2, 052
L-4	*Mook & Co.....	Wyoming.....	666				666
L-4	*Downing Bros.....	Castleton.....	590				590
L-5	L. Milburn.....	Wyoming.....	2, 160				2, 140
L-6	Wm. Duncan.....	Neponset.....	250				200
L-7	Cotton & Willson.....	Toulon.....	518				500
L-8	Harold Newton, No. 1.....	Wyoming.....	808				781
L-9	A. F. Barton, No. 1.....	Wyoming.....	100				100
L-10	W. J. Curtman.....	Wyoming.....	653				653
L-11	Henry Sturm.....	Bradford.....	202				202
L-13	Henry Bates Coal Co.....	Kewanee.....	1, 922				1, 914
L-14	Geo. Ohman, No. 1.....	Neponset.....	183				183
	13 local mines total.....		20, 783				20, 241

## TAZEWELL COUNTY

SHIPPING MINES.							
S-1	Lake Erie Mining Co. ....	Peoria .....	103, 912	10, 540	27, 534		64, 769
S-2	Ubben Coal Co. ....	Pekin .....	22, 095	5, 939			15, 856
	2 shipping mines total .....		126, 007	16, 479	27, 534		80, 625
LOCAL MINES.							
L-1	Manhattan Coal Co. ....	East Peoria .....	74, 818				74, 618
L-2	Lakeside Coal Co. ....	Pekin .....	27, 004				26, 443
L-3	Pekin Mining Co. ....	Pekin .....	54, 792				53, 472
	3 local mines total .....		156, 614				154, 533
	5 all mines total .....		282, 621	16, 479	27, 534		235, 158

## WOODFORD COUNTY

SHIPPING MINES.							
S-1	Roanoke Coal & Tile Co. ....	Roanoke .....	17, 599	1, 734			13, 736
S-2	W. G. Sutton .....	Minonk .....	55, 385	13, 021			40, 064
	2 shipping mines total .....		72, 984	14, 755			53, 800

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## SECOND DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
10	9	8	234	500	—	—	—	—	—	—	3,279	—	—	L-1
400	—	13	225	500	—	—	—	1	—	400	7,000	—	2	L-2
—	—	5	210	—	—	—	—	—	—	—	2,052	—	—	L-3
—	—	3	40	42	—	—	—	—	—	—	666	—	1	L-4
—	—	3	200	40	—	—	—	—	—	—	590	—	1	L-4
9	11	9	200	22	250	—	—	—	—	—	2,160	—	—	L-5
50	—	3	60	20	—	—	—	—	—	—	250	—	—	L-6
15	3	3	100	—	300	—	—	—	—	—	518	—	—	L-7
27	—	4	223	41	—	—	—	—	—	—	808	—	—	L-8
—	—	3	20	8	—	—	—	—	—	—	100	—	—	L-9
—	—	1	184	17	—	—	—	—	—	—	653	—	—	L-10
—	—	4	120	52	—	—	—	—	—	—	202	—	—	L-11
8	—	10	218	—	—	—	—	—	—	—	1,922	—	—	L-13
—	—	3	70	—	—	—	—	—	—	—	183	—	—	L-14
519	23	69	162	1,242	550	—	—	1	—	400	20,383	—	3	—

## SECOND DISTRICT.

—	1,069	177	143	—	34,275	—	—	6	5	103,912	—	—	12	S-1
300	—	47	177	50	7,400	—	—	3	1	22,095	—	—	4	S-2
300	1,069	224	160	50	41,675	—	—	9	6	126,007	—	—	16	—
200	—	125	162	—	22,350	—	—	4	1	74,818	—	—	—	L-1
68	493	34	262	—	10,175	25	25	2	—	27,004	—	—	3	L-2
300	1,020	132	202	1,390	—	—	—	5	1	54,792	—	—	6	L-3
568	1,513	291	209	1,390	32,525	25	25	11	2	156,614	—	—	9	—
868	2,582	515	189	1,440	74,200	25	25	20	8	282,621	—	—	25	—

## SECOND DISTRICT.

2,129	—	120	97	—	—	—	—	2	1	10,389	7,210	—	19	S-1
2,300	—	179	165	—	—	—	—	—	3	—	55,385	—	12	S-2
4,429	—	299	131	—	—	—	—	2	4	10,389	62,595	—	31	—

## SECOND DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine	All coal not sold including waste.
Peoria.....	4	1, 112, 036	48, 873	987, 945	-----	73, 271	1, 109	838
Tazewell.....	2	126, 007	16, 479	27, 534	-----	80, 625	300	1, 069
Woodford.....	2	72, 984	14, 755	-----	-----	53, 800	4, 429	-----
Total.....	8	1, 311, 027	80, 107	1, 015, 479	-----	207, 696	5, 838	1, 907

## LOCAL

Marshall.....	16	11, 200	-----	-----	-----	11, 200	-----	-----
Peoria.....	69	373, 681	-----	-----	-----	369, 165	3, 782	734
Stark.....	13	20, 783	-----	-----	-----	20, 241	519	23
Tazewell.....	3	156, 614	-----	-----	-----	154, 533	568	1, 513
Total.....	101	562, 278	-----	-----	-----	555, 139	4, 869	2, 270

## ALL

Marshall.....	16	11, 200	-----	-----	-----	11, 200	-----	-----
Peoria.....	73	1, 485, 717	48, 873	987, 945	-----	442, 436	4, 891	1, 572
Stark.....	13	20, 783	-----	-----	-----	20, 241	519	23
Tazewell.....	5	282, 621	16, 479	27, 534	-----	235, 158	868	2, 582
Woodford.....	2	72, 984	14, 755	-----	-----	53, 800	4, 429	-----
Total.....	109	1, 873, 305	80, 107	1, 015, 479	-----	762, 835	10, 707	4, 177

## RECAPITULATION BY COUNTIES.

Total em- ployees.	Days oper- ated.	Explosives used for blasting coal.				Number of		Tons mined by—			Num- ber of animals under ground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.	Min- ing ma- chines used.	Mo- tors in use.	Ma- chine.	Hand.	Strip- ping.	
1, 104	135	145	328, 850	-----	-----	51	15	1, 112, 036	-----	-----	102
224	160	50	41, 675	-----	-----	9	6	126, 007	-----	-----	16
299	131	-----	-----	-----	-----	2	4	10, 389	62, 595	-----	31
1, 627	140	195	370, 525	-----	-----	62	25	1, 248, 432	62, 595	-----	149

## MINES.

51	143	1, 096	-----	-----	-----	-----	-----	-----	11, 200	-----	4
690	150	13, 615	50, 750	30	-----	18	8	221, 601	152, 080	-----	76
69	162	1, 242	550	-----	-----	1	-----	400	20, 383	-----	3
291	209	1, 390	32, 525	25	25	11	2	156, 614	-----	-----	9
1, 101	151	17, 343	83, 825	55	25	30	10	378, 615	183, 663	-----	92

## MINES.

51	143	1, 096	-----	-----	-----	-----	-----	-----	11, 200	-----	4
1, 794	148	13, 760	379, 600	30	-----	69	23	1, 333, 637	152, 080	-----	178
69	162	1, 242	550	-----	-----	1	-----	400	20, 383	-----	3
515	189	1, 440	74, 200	25	25	20	8	282, 621	-----	-----	25
299	131	-----	-----	-----	-----	2	4	10, 389	62, 595	-----	31
2, 728	150	17, 538	454, 350	55	25	92	35	1, 627, 047	246, 258	-----	241

## THIRD DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Third Inspection District comprising the coal producing counties of Adams, Brown, Fulton, Hancock, Knox, McDonough, Schuyler and Warren for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
F. M. GUTHRIE, *Inspector.*

## THIRD DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal	8	8	8	8	6
Number of shipping mines	15	16	16	15	7
Number of local mines	215	283	337	335	311
Number of employees underground	1,641	2,012	2,012	2,152	2,081
Number of employees on surface	1,149	1,027	753	687	575
Total number employed	2,790	3,039	2,765	2,838	2,656
Tons of coal produced in shipping mines	3,698,429	2,738,698	2,215,893	1,838,159	1,290,041
Tons of coal produced in local mines	613,295	528,031	433,615	318,162	499,860
Tons of coal produced, total	4,311,724	3,266,729	2,649,508	2,156,321	1,789,901
Days operated, shipping mines, average	163	158	168	175	135
Days operated, local mines, average	120	110	98	106	118
Number of undercutting machines	53	51	46	52	49
Tons undercut	809,552	343,190	771,014	693,014	775,756
Tons mined by hand	310,260	308,474	299,271	302,678	340,913
Tons mined in strip mines	3,191,912	2,115,065	1,579,223	1,160,629	673,232
Number of loading machines used		2	2	1	
Tons loaded mechanically		17,010	27,562	4,000	
Number of fatal accidents	2	2	5	2	3
Number of non-fatal accidents	129	86	109	100	108
Number of employees to each fatality	1,395	1,520	553	1,419	885
Number employed to each non-fatal accident	21.6	35	25.4	28.4	24.6
Tons of coal mined to each fatality	2,155,862	1,633,364	529,902	1,078,161	596,634
Tons mined to each non-fatal accident	33,424	37,985	24,307	21,563	16,573
Number of fatalities per 1,000 employed	.7	.7	1.8	0.7	1.1
Number injured per 1,000 employed	46.2	28.3	39.4	35.2	40.6

## SUSPENDED OPERATION.

Dorthel Coal Co. No. 2, Fulton County.

## NEW MINES.

United Electric Coal Co. No. 17, Canton, Fulton County.



## IDLE MINES.

Canton Coal Co., Fulton County.

Livingston & Smith, Fulton County.

## FATAL ACCIDENTS.

September 19, George Haynes, driver and cager, aged 46 years, married, crushed by car in mine of Clean Coal Co., leaving wife and one child.

December 9, Pete Rosa, miner, aged 63 years, married, struck by car in mine of Western Coal Co., leaving wife.

## FATAL ACCIDENTS, THIRD DISTRICT, 1937.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Sept. 19	Sept. 19	George Haynes	46	Driver and cager	Farmington	Clean Coal Co.	-----	1	1	1	1	2	Crushed by car.
Dec. 9	Dec. 9	Peto Rosa	63	Miner	Farmington	Western Coal Co.	-----	1	1	1	1	1	Crushed by car.

## NON-FATAL ACCIDENTS, THIRD DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.			
						Total.	Average.		Total.	Average.		
Blakley Coal Co.	6	1	108	22	4	61	15	1	47	47	January	16
Central State Collieries, Inc.	6	---	224	37	2	24	12	4	200	50	February	12
Galesburg Mining Co.	8	---	307	38	3	58	19	5	249	50	March	13
Golden Rule Coal Co.	3	---	47	16	2	16	8	1	31	31	April	6
Illinois Colliery Co.	7	2	172	34	4	95	24	1	77	77	May	5
Little John Coal Co., No. 5.	6	---	78	13	6	78	13	---	---	---	June	7
Midland Electric Coal Co., No. 2	14	---	412	29	11	140	13	3	272	91	July	8
Pschirrer & Sons Coal Co., No. 3	11	---	258	26	4	35	9	6	223	37	August	6
Truax-Traer Coal Co., No. 1	7	1	234	39	3	55	18	3	179	60	September	10
Truax-Traer Coal Co., No. 2	3	---	168	56	1	10	10	2	158	79	October	8
United Electric Coal Co., No. 9	4	1	54	18	3	54	18	---	---	---	November	14
United Electric Coal Co., No. 17	3	---	63	21	3	63	21	---	---	---	December	23
Shipping mines	78	6	2,125	30	46	689	15	26	1,435	55	1 not reported by month.	---
Local Mines.	51	14	1,159	31	25	389	16	12	770	64	---	---
Total.	129	20	3,284	30	71	1,078	15	38	2,206	58	---	---
												129

## ADAMS COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	E. A. Meyer Construction Co.	Quincy -----	909	-----	-----	-----	909

## BROWN COUNTY

LOCAL MINES.							
L-1	Walter Salisbury Mine -----	Clayton -----	209	-----	-----	-----	209
L-1	*Ike Walker -----	Clayton -----	36	-----	-----	-----	36
L-2	*Western Illinois Mining Corp. -----	Clayton -----	19,381	-----	-----	-----	12,156
L-3	A. L. Cruser -----	Mt. Sterling -----	219	-----	-----	-----	219
L-4	Williams & Ferrell -----	Mt. Sterling -----	40	-----	-----	-----	40
L-8	Keltz & Rang -----	Mt. Sterling -----	25	-----	-----	-----	15
L-9	Lamma & Freutung -----	Clayton -----	123	-----	-----	-----	123
L-13	Harvey Phillips -----	Mt. Sterling -----	30	-----	-----	-----	30
L-17	C. H. Christian -----	Timewell -----	20	-----	-----	-----	20
L-18	Charles Pruden -----	Mt. Sterling -----	80	-----	-----	-----	75
L-19	Frank Katzenburger -----	Clayton -----	68	-----	-----	-----	68
10 local mines total -----			20,231	-----	-----	-----	12,991

## FULTON COUNTY

SHIPPING MINES.							
S-1	Blakley Coal Co. -----	Canton -----	88,556	47,047	7,574	-----	32,973
S-2	Central State Collieries, Inc. -----	St. David -----	456,035	256,056	192,008	-----	920
S-4	Dorthel Coal Co., No. 3 -----	Farmington -----	44,357	20,955	21,271	-----	1,740
S-5	Golden Rule Coal Co. -----	Middle Grove -----	23,794	4,831	12,784	-----	6,159
S-6	Illinois Colliery Co. -----	Farmington -----	46,419	26,212	15,083	-----	5,124
S-7	Midland Electric Coal Corp., No. 2 -----	Farmington -----	769,950	486,174	267,802	-----	257
S-8	Peterson Coal Co. -----	Canton -----	829	307	-----	-----	522
S-10	Pschirrer & Sons Coal Co., No. 3 -----	Canton -----	101,027	55,408	9,540	-----	35,459
S-11	Reed Mine -----	Canton -----	676	608	-----	-----	68
S-12	Truax-Traer Coal Co., No. 1 -----	St. David -----	491,924	400,579	90,269	-----	-----
S-13	Truax-Traer Coal Co., No. 2 -----	Fiatt -----	457,127	266,626	189,547	-----	-----
S-14	United Electric Coal Cos. No. 9 -----	Cuba -----	447,888	266,198	127,943	-----	-----
S-15	United Electric Coal Cos. No. 17 -----	Canton -----	47,586	34,246	6,202	-----	-----
13 shipping mines total -----			2,976,168	1,865,247	940,023	-----	83,222
LOCAL MINES.							
L-1	Clearview Mine -----	Canton -----	35,972	-----	-----	-----	35,536
L-2	Rawalt Coal Co. -----	Norris -----	40,248	-----	-----	-----	40,248
L-3	Glore Coal Co. -----	Ellisville -----	26,967	-----	-----	-----	25,967
L-4	Spoon River Coal Co. -----	London Mills -----	13,039	-----	-----	-----	12,339
L-5	Sunnyside Coal Co. -----	Cuba -----	20,519	-----	-----	-----	20,519
L-6	Westerby Bros. -----	Farmington -----	14,606	-----	-----	-----	14,606
L-7	*Elias Bros. -----	Fairview -----	250	-----	-----	-----	250

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
.....	.....	10	34	.....	.....	.....	.....	.....	.....	.....	.....	909	.....	L-1

## THIRD DISTRICT.

.....	.....	2	100	.....	.....	.....	.....	.....	.....	.....	209	.....	.....	L-1
.....	.....	15	15	.....	.....	.....	.....	.....	.....	.....	36	.....	.....	L-1
7,225	.....	37	218	2	.....	3,000	.....	.....	.....	.....	.....	19,381	.....	L-2
.....	.....	2	75	15	.....	.....	.....	.....	.....	.....	219	.....	.....	L-3
.....	.....	2	48	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	L-4
10	.....	2	30	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	L-8
.....	.....	3	75	.....	.....	.....	.....	.....	.....	.....	123	.....	.....	L-9
.....	.....	1	60	.....	.....	.....	.....	.....	.....	.....	.....	30	.....	L-13
.....	.....	2	20	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	L-17
5	.....	2	82	5	.....	.....	.....	.....	.....	.....	80	.....	.....	L-18
.....	.....	2	32	3	.....	.....	.....	.....	.....	.....	68	.....	.....	L-19
5	7,235	57	76	145	.....	3,000	.....	.....	.....	.....	780	19,451	.....	.....

## THIRD DISTRICT—Continued.

962	.....	85	220	.....	2,100	.....	.....	4	3	88,556	.....	.....	7	g-1
2,968	4,083	98	199	.....	18,850	.....	33,850	.....	.....	.....	.....	456,035	.....	g-2
391	.....	141	63	1,853	.....	.....	.....	7	2	42,816	1,541	.....	18	g-4
20	.....	25	242	.....	4,725	.....	.....	1	.....	23,794	.....	.....	4	g-5
.....	.....	69	164	.....	23,200	.....	.....	3	2	46,419	.....	.....	6	g-6
8,017	7,700	183	278	.....	.....	.....	.....	.....	.....	.....	.....	769,950	.....	g-7
.....	.....	4	34	.....	200	50	.....	.....	.....	.....	.....	829	.....	g-8
120	500	105	199	.....	20,000	400	.....	4	1	101,027	.....	.....	12	g-10
.....	.....	8	54	27	.....	.....	.....	.....	.....	.....	676	.....	1	g-11
1,076	.....	94	170	.....	.....	55,150	.....	.....	.....	.....	.....	491,924	.....	g-12
954	.....	90	184	.....	.....	23,150	.....	.....	.....	.....	.....	457,127	.....	g-13
2,202	51,545	105	182	2,621	.....	1,100	5,000	.....	.....	.....	.....	447,888	.....	g-14
360	6,778	77	28	.....	3,550	.....	150	.....	.....	.....	.....	47,586	.....	g-15
15,040	72,636	1,084	155	4,501	72,625	1,550	117,300	19	8	302,612	2,217	2,671,339	48	.....
50	386	40	233	.....	7,100	.....	.....	3	1	35,972	.....	.....	4	L-1
.....	.....	36	240	.....	8,750	.....	.....	.....	.....	40,248	.....	.....	7	L-2
500	500	37	295	565	.....	3,300	.....	2	.....	17,978	8,989	.....	7	L-3
700	.....	16	226	.....	.....	.....	.....	1	.....	8,979	4,060	.....	3	L-4
.....	.....	28	236	.....	5,100	.....	.....	1	.....	20,519	.....	.....	4	L-5
.....	.....	22	190	863	.....	.....	.....	.....	1	.....	14,606	.....	2	L-6
.....	.....	10	20	10	.....	.....	.....	.....	.....	.....	250	.....	3	L-7

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-7	*Fairview Coal Co.....	Fairview.....	3,662				3,262
L-8	Albert Zaborac.....	St. David.....	331				331
L-9	D. & D. Coal Co.....	Cuba.....	8,066				7,666
L-10	Rapatee Coal Co.....	Farmington.....	2,455				2,455
L-11	McGlaughlin Bros.....	Canton.....	10,000				9,600
L-12	Strode Coal Co.....	Canton.....	10,774				10,774
L-13	Stevenson Bros., No. 1.....	Ellisville.....	3,645				3,345
L-14	Sugarville Coal Co.....	Canton.....	4,566				4,566
L-15	Geo. H. Stambaugh.....	Ipava.....	7,340				7,330
L-16	Black Eagle Coal Co.....	Canton.....	3,427				3,427
L-17	Joe Zaborac.....	Cuba.....	2,890				2,870
L-18	W. K. Clauson Coal Co.....	Glasford.....	3,500				3,500
L-19	Walter Richard.....	St. David.....	11,862				11,847
L-20	Tony Kauzlarich.....	Farmington.....	2,731				2,515
L-21	Thompson Bros. Coal Co.....	Canton.....	6,000				6,000
L-23	L. A. Simons.....	Summum.....	5,057				4,757
L-24	*Logan Whitehead.....	Lewistown.....	1,550				1,550
L-24	*Liverpool Coal Co.....	Canton.....	1,536				1,536
L-25	Wm. Ackerson Coal Mine.....	Cuba.....	5,140				5,140
L-26	Bennett Mine.....	Bryant.....	8,985				8,985
L-27	H. H. Busby.....	Canton.....	800				800
L-28	D. W. Buel.....	Avon.....	2,289				2,289
L-29	Richard Fouts.....	Canton.....	4,352				4,352
L-30	Rice Lake Coal Co.....	Glasford.....	5,982				5,771
L-31	Albert Hollandsworth.....	Glasford.....	3,578				3,578
L-32	Davis & Sons.....	Astoria.....	1,050				1,050
L-33	Tom Jenkins.....	Cuba.....	10,000				10,000
L-34	James W. Ley.....	Canton.....	1,587				1,587
L-35	Banner Coal Co.....	Canton.....	782				777
L-36	Dancy & Gofinch.....	Cuba.....	300				300
L-37	C. O. Lightbody Coal Co.....	Glasford.....	1,240				1,240
L-38	George Street, No. 1.....	Fairview.....	2,208				2,200
L-39	Chas. Raker Coal Co.....	Lewistown.....	2,930				2,930
L-40	Clean Coal Co.....	Fairview.....	6,892				6,392
L-42	A. E. Planque.....	Canton.....	326				326
L-43	West End Mine.....	Astoria.....	1,320				1,320
L-44	L. B. Casler.....	Cuba.....	394				394
L-45	John Cimo.....	Lewistown.....	5,468				5,468
L-46	A. H. Thomas.....	Ipava.....	499				491
L-47	Eldon J. Brons.....	Norris.....	2,928				2,928
L-48	Paul F. Haggerty.....	Glasford.....	850				850
L-49	Elmer Simpson.....	Bryant.....	125				125
L-50	*Leonard Savill.....	Canton.....	157				157
L-50	*Joe H. Wells.....	Canton.....	366				366
L-51	Clarence Busby.....	Canton.....	200				200
L-52	Walter Smallberger.....	Canton.....	1,487				1,487
L-54	Pheasant Bros.....	Fairview.....	1,200				1,200
L-57	Arthur Malmgren.....	Glasford.....	160				160
L-58	*C. C. Haggerty.....	Glasford.....	475				470
L-58	*James E. Ardis.....	Glasford.....	1,050				1,050
L-60	August Von Ach.....	Cuba.....	660				660
L-61	Henry Herriford Mine.....	Ipava.....	150				150
L-62	T. E. Wilson.....	Summum.....	997				997
L-63	Pine Ridge Mine.....	Liverpool.....	2,475				2,475
L-66	G. A. Meacham Mine.....	Canton.....	75				75
L-67	Dallefeld Coal Co.....	Ellisville.....	6,743				6,424
L-68	M. & C. Coal Co.....	Monmouth.....	180				180
L-69	Jerry Yocum & Sons.....	Bryant.....	186				186
L-70	Jerry Yocum & Sons.....	Lewistown.....	364				352
L-71	Dwight Yocum.....	Canton.....	105				105
L-72	*Baker & Jefford.....	Glasford.....	55				55
L-72	*Diamond Coal Co.....	Glasford.....	222				192
L-73	J. Grindle & Son.....	Cuba.....	220				220
L-74	Phillip Franciskovich.....	Canton.....	116				116

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.	
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.						
400		17	135	203							3,662		3	L-7	
		2	72		550						331		1	L-8	
	400	14	157	281	86						8,066		3	L-9	
		8	60	45				1		2,455			2	L-10	
400		12	197	225				1		9,500	500		1	L-11	
		14	250	724							10,774		2	L-12	
300		8	227		6,230						3,645		1	L-13	
		7	180	227							4,566		1	L-14	
10		8	300	250							7,340		2	L-15	
		10	85	221							3,427		3	L-16	
20		5	174	95							2,890		1	L-17	
		8	200	225							3,500		1	L-18	
15		24	215	840							11,862		3	L-19	
16	200	6	156	253							2,731		1	L-20	
		11	240	400							6,000		1	L-21	
	300	7	160	125							5,057		2	L-23	
		6	80	103							1,550		1	L-24	
		7	68	100							1,536		1	L-24	
		7	202	200							5,140		1	L-25	
		18	230	680							8,985		2	L-26	
		4	120		200							800		1	L-27
		6	145	300							2,289		1	L-28	
		10	218	300							4,352		1	L-29	
211		6	250		1,663			1		5,982			2	L-30	
		8	170	210							3,578		2	L-31	
		4	191	27							1,050		1	L-32	
		9	200	256							10,000		1	L-33	
		4	135	51				1		1,587			1	L-34	
5		3	90	43							782		1	L-35	
		3	140	40							300		1	L-36	
		4	160	71							1,240		1	L-37	
	8	6	205	140							2,208		1	L-38	
		8	175	10							2,930		2	L-39	
500		18	128	400							6,892		2	L-40	
		4	70	20							326		1	L-42	
		4	180	92							1,320		1	L-43	
		4	100	36							394		1	L-44	
		7	190	225							5,468		2	L-45	
8		6	94	17							499			L-46	
		4	264		2,600			1		2,428	500		1	L-47	
		4	30									850			L-48
		2	47	7							125		1	L-49	
		1	45	10							157			L-50	
		2	158	27							366			L-50	
		2	90		125							200			L-51
		4	145	45							1,487		1	L-52	
		5	145	118							1,200			L-54	
5		2	120	12							160		1	L-57	
		3	60	25							475		1	L-58	
		4	95	45							1,050		1	L-58	
		3	104	26							660		1	L-60	
		3	65		250						150			L-61	
		9	75	63							997		1	L-62	
		6	90	130							2,475		1	L-63	
		2	20	5							75			L-66	
119	200	13	231	629							6,743		3	L-67	
		3	60	12							180			L-68	
		3	58	28							186			L-69	
		5	62	34							364			L-70	
		2	10									105			L-71
		2	20	4							55			L-72	
		8	26	28							222		1	L-72	
		2	120	12							220		1	L-73	
		1	45	8							116		1	L-74	

## FULTON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-75	Thos. Engle	Cuba	332				332
L-77	St. David Coal Co.	St. David	125				125
L-80	*Frank Juraco	Canton	85				85
L-80	*Stanley Zaborac	Canton	1,000				1,000
L-80	Stanley Zaborac	Canton	945				935
L-85	William Dilts Mine	Canton	176				176
L-86	*Spring Hill Coal Co.	Glasford	642				642
L-86	*John Kitzler	Glasford	115				115
L-87	Chas. Dilts, No. 2	Fiatt	214				200
L-89	H. H. Bitner	Glasford	1,200				1,000
L-90	Ed Budd	Ipava	161				161
L-92	Danner Bros.	Astoria	634				594
L-94	Jenkins & Aldam	Cuba	956				956
L-95	Will Leathers, No. 1	St. David	245				232
L-96	Premier White Ash Coal Co.	Abingdon	500				500
L-97	R. A. Ketcham	Canton	125				125
L-102	Ford & Munson Coal Co., Mine No. 1	Canton	1,123				1,053
L-107	George Hollandsworth	Canton	370				370
L-108	Bruketa & Sons	Farmington	1,000				940
L-109	George Baughman	Marietta	458				458
L-110	Clarence Danner	Astoria	60				60
L-111	Billings & May, No. 1	Lewistown	543				539
L-117	Lloyd Hamilton	Lewistown	197				197
L-122	Robert Ames Mine	Ipava	190				190
L-123	Dallas Barclay	Canton	141				141
L-124	Blue Eagle Co.	Canton	198				198
L-125	Buckheart Creek Coal Co.	Liverpool	5,984				5,584
L-127	E. E. Hayden, Strode Mine	Lewistown	240				240
L-128	Dean L. Gorey	Astoria	432				432
L-129	Carl Shaffer	Astoria	146				146
L-130	New Midway Coal Co.	Canton	382				382
L-131	E. F. Frederick	Canton	608				458
L-132	David E. Rowland & Son	Cuba	9,275				9,275
L-133	Johnson & Son, Reed Mine	Canton	134				80
L-134	Scott McGinnis Big Creek	Canton	277				277
L-139	Stanley Zaborac	Canton	278				278
99 local mines total			358,152				351,842
112 all mines total			3,334,320	1,865,247	940,023		435,064

## HANCOCK COUNTY

LOCAL MINES.						
L-1	Audra Martin	Augusta	777			777
L-2	Edgar Hiland	Augusta	1,200			1,200
L-5	Everett Meredith	Augusta	539			539
3 local mines total			2,516			2,516

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.		Days of active operation.	Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.				
—	—	2	137	11	—	—	—	—	—	332	—	—	L-75
—	—	2	110	10	—	—	—	—	—	125	—	—	L-77
—	—	2	20	8	—	—	—	—	—	85	—	1	L-80
10	—	6	163	172	—	—	—	—	—	1,000	—	—	L-80
—	—	2	120	52	—	—	—	—	—	945	—	1	L-80
—	—	2	45	25	—	—	—	—	—	176	—	—	L-85
—	—	5	100	50	—	—	—	—	—	642	—	1	L-86
14	—	3	30	16	—	—	—	—	—	115	—	1	L-86
200	—	3	40	20	—	—	—	—	—	214	—	1	L-87
—	—	5	80	40	—	—	—	1	1,200	—	—	1	L-89
—	—	1	125	6	—	—	—	—	—	161	—	—	L-90
40	—	4	144	28	—	—	—	—	—	634	—	—	L-92
—	—	1	160	50	—	—	—	—	—	—	9	56	L-94
13	—	1	200	15	—	—	—	—	—	245	—	—	L-95
—	—	6	110	50	—	—	—	—	—	500	—	—	L-96
—	—	2	30	3	—	—	—	—	—	125	—	1	L-97
70	—	4	140	77	—	—	—	—	—	1,123	—	1	L-102
—	—	1	141	—	600	—	—	—	—	370	—	—	L-107
10	50	4	156	100	—	—	—	—	—	1,000	—	1	L-108
—	—	3	208	—	—	—	—	—	—	458	—	—	L-109
—	—	3	60	5	—	—	—	—	—	60	—	—	L-110
4	—	2	141	23	—	—	—	—	—	543	—	1	L-111
—	—	1	73	4	—	—	—	—	—	197	—	—	L-117
—	—	3	79	20	—	—	—	—	—	190	—	—	L-122
—	—	3	60	14	—	—	—	—	—	141	—	1	L-123
—	—	3	45	—	400	—	—	—	—	198	—	—	L-124
—	400	13	104	320	—	—	—	—	—	5,984	—	2	L-125
—	—	2	100	40	—	—	—	—	—	240	—	—	L-127
—	—	4	80	18	—	—	—	—	—	432	—	—	L-128
—	—	1	60	6	—	—	—	—	—	146	—	—	L-129
—	—	3	125	—	150	—	—	—	—	382	—	—	L-130
—	150	3	57	50	—	—	—	—	—	608	—	—	L-131
—	—	45	140	—	—	—	—	—	—	—	9,2	75	L-132
—	—	3	75	10	—	—	—	—	—	134	—	—	L-133
—	4	4	65	—	425	—	—	—	—	277	—	—	L-134
—	—	4	104	32	—	—	—	—	—	278	—	—	L-139
3,636	2,674	719	131	11,416	49,779	—	—	14	2	146,848	199,118	12,1	86 107
18,676	75,310	1,803	134	15,917	122,404	1,550	117,300	33	10	449,460	201,335	2,683,5	25 155

## THIRD DISTRICT.

—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	4	150	20	—	—	—	—	—	777	—	1	L-1
—	—	7	200	—	—	—	—	—	—	1,200	—	—	L-2
—	—	4	100	45	—	—	—	—	—	539	—	—	L-5
—	—	15	150	65	—	—	—	—	—	2,516	—	1	—

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
L-1	Galesburg Mining Co. ....	Galesburg .....	234, 732	13, 132	180, 388		38, 536
L-2	Little John Coal Co., No. 5....	Victoria .....	487, 529	385, 837	100, 665		
2 shipping mines total .....			722, 261	398, 969	281, 053		38, 536
LOCAL MINES.							
L-1	Knoxville Mining Co. ....	Knoxville .....	72, 537				71, 037
L-2	A. G. Baker, Purviance Mine.	Middle Grove .....	2, 485				2, 401
L-3	*Bowman Coal Co. ....	Yates City .....	3, 600				3, 500
L-3	*Yates City Coal Co. ....	Yates City .....	709				609
L-4	Little Coal Co. ....	Farmington .....	11, 327				11, 327
L-5	Aaron Davison .....	Maquon .....	3, 695				3, 685
L-6	Leslie Williams .....	Maquon .....	1, 817				1, 817
L-7	William Mertz .....	Maquon .....	1, 039				1, 039
L-8	Etherly Coal Mine .....	Victoria .....	537				537
L-9	Hubbell Coal Co. ....	Middle Grove .....	1, 381				1, 381
L-10	David Strickland, Smith Mine	Maquon .....	1, 135				1, 135
L-11	Hugh King .....	Victoria .....	305				305
L-12	*E. F. Frederick .....	Farmington .....	576				473
L-12	*Ross Fogg .....	Farmington .....	384				384
L-12	*C. J. Hornback .....	Farmington .....	480				480
L-13	*C. R. Dimmick .....	Victoria .....	204				204
L-13	*Red Brush Mining Co. ....	Victoria .....	190				190
L-14	Wataga Coal Co. ....	Wataga .....	1, 748				1, 730
L-15	Gearld Strom .....	Victoria .....	240				240
L-16	Homer Morse .....	Middle Grove .....	146				146
L-17	Murphys Mine .....	Victoria .....	210				210
L-20	Thermal Coal Co. ....	Galesburg .....	30, 450				23, 429
L-21	Goff & Stout .....	Victoria .....	245				245
L-22	Leonard Stegall .....	Oneida .....	61				61
L-23	William Charnock .....	Knoxville .....	72				68
L-24	Charlie Johnson .....	Oneida .....	35				35
L-25	H. L. Salmonds .....	Herron .....	65				60
L-27	Western Coal Co. ....	Farmington .....	4, 990				4, 990
L-29	Ed. Lerner .....	Victoria .....	140				140
L-32	Chas. Peterson .....	Wataga .....	25				25
L-34	Maquon Co-operative Coal Co.	Maquon .....	20				20
L-37	Peter Nordlund .....	Wataga .....	15				5
L-38	William Godsil .....	Victoria .....	51				38
29 local mines total .....			140, 914				131, 946
31 all mines total .....			863, 175	398, 969	281, 053		170, 482

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
728	1,948	263	199	2	43,400	-----	-----	12	6	234,693	39	-----	30	L-1
-----	1,027	115	226	-----	-----	-----	-----	-----	-----	-----	-----	487,529	-----	L-2
728	2,975	378	213	2	43,400	-----	-----	12	6	234,693	39	487,529	30	-----
1,500	-----	92	226	-----	18,033	-----	-----	3	2	72,537	-----	-----	14	L-1
84	-----	11	192	-----	120	-----	-----	-----	-----	-----	2,485	-----	3	L-2
100	-----	7	140	-----	240	-----	-----	-----	-----	-----	3,600	-----	1	L-3
12	88	12*	25*	-----	52	-----	-----	-----	-----	-----	709	-----	1	L-3*
-----	-----	13	256	-----	1,032	-----	-----	-----	-----	-----	11,327	-----	4	L-4
10	-----	6	213	-----	246	-----	-----	-----	-----	-----	3,695	-----	2	L-5
-----	-----	4	90	-----	110	-----	-----	-----	-----	-----	1,817	-----	1	L-6
-----	-----	2	148	-----	86	-----	-----	-----	-----	-----	1,039	-----	1	L-7
-----	-----	6	68	-----	-----	-----	-----	-----	-----	-----	537	-----	-----	L-8
-----	-----	4	140	-----	172	-----	-----	-----	-----	-----	1,381	-----	1	L-9
-----	-----	3	140	-----	104	-----	-----	-----	-----	-----	1,135	-----	1	L-10
-----	-----	3	101	-----	-----	-----	-----	-----	-----	-----	305	-----	-----	L-11
3	100	8	20	-----	48	-----	-----	-----	-----	-----	576	-----	2	L-12
-----	-----	5*	32*	-----	48	-----	-----	-----	-----	-----	384	-----	1	L-12*
-----	-----	3*	115*	-----	40	-----	-----	-----	-----	-----	480	-----	2	L-12*
-----	-----	3*	120*	-----	-----	-----	-----	-----	-----	-----	204	-----	-----	L-13*
-----	-----	3	21*	-----	-----	-----	-----	-----	-----	-----	190	-----	-----	L-13
18	-----	11	160	-----	-----	-----	-----	-----	-----	-----	1,748	-----	-----	L-14
-----	-----	3	90	-----	7	-----	-----	-----	-----	-----	240	-----	-----	L-15
-----	-----	4	90	-----	-----	-----	-----	-----	-----	-----	146	-----	1	L-16
-----	-----	4	95	-----	-----	-----	-----	-----	-----	-----	210	-----	-----	L-17
3,090	3,931	40	244	-----	7,600	-----	-----	4	1	30,450	-----	-----	4	L-20
-----	-----	3	125	-----	-----	-----	-----	-----	-----	-----	245	-----	-----	L-21
-----	-----	3	33	-----	-----	-----	-----	-----	-----	-----	61	-----	-----	L-22
4	-----	1	80	-----	-----	-----	-----	-----	-----	-----	72	-----	-----	L-23
-----	-----	4	30	-----	-----	-----	-----	-----	-----	-----	35	-----	-----	L-24
5	-----	1	75	-----	-----	-----	-----	-----	-----	-----	65	-----	-----	L-25
-----	-----	11	185	-----	348	-----	-----	-----	-----	-----	4,990	-----	3	L-27
-----	-----	4	48	-----	2	-----	-----	-----	-----	-----	140	-----	-----	L-29
-----	-----	2	20	-----	-----	-----	-----	-----	-----	-----	25	-----	-----	L-32
-----	-----	2	10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	L-34
2	8	1	60	-----	-----	-----	-----	-----	-----	-----	15	-----	-----	L-37
9	4	4	26	-----	-----	-----	-----	-----	-----	-----	51	-----	-----	L-38
4,837	4,131	260	109	2,655	25,633	-----	-----	7	3	102,987	37,907	-----	20	38
5,565	7,106	638	115	2,657	69,033	-----	-----	19	9	337,680	37,946	487,549	68	-----

## MCDONOUGH COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Swanson & Sons.....	Colchester	29				29
L-3	Henley & Son.....	Augusta	407				407
L-4	Frank Fox.....	Colchester	343				343
L-5	J. W. Harpe.....	Colchester	60				60
L-6	J. E. Snowden.....	Macomb	261				237
L-7	William Whalen.....	Colchester	581				581
L-8	Booth & Kipling.....	Colchester	200				195
L-9	Olaf Stoneking.....	Birmingham	440				440
L-10	Bert Davidson.....	Colchester	160				160
L-11	Nelson & Swanson.....	Colchester	610				600
L-12	D. A. Rickard.....	Colchester	78				78
L-17	Warren Frakes.....	Birmingham	49				39
L-21	Bexson & Sons.....	Colchester	85				85
L-22	Elmer W. Miller.....	Macomb	699				699
L-24	Philemon Frisbie.....	Fandon	33				33
L-25	Fuller Wagle.....	Colchester	160				160
L-30	John S. Nelson.....	Colchester	128				125
L-36	Amos Atkinson.....	Colchester	51				51
L-37	John C. McGrann.....	Colchester	100				100
L-38	Bert Creasey.....	Colchester	102				100
L-41	Earl Bunt.....	Colchester	25				25
L-44	Chockley & Smith.....	Industry	680				680
L-45	C. M. Icenogle.....	Industry	200				200
L-46	Cecil D. Friday.....	Macomb	320				320
L-47	Ike Stone.....	Colchester	450				450
L-48	Nelson Bros.....	Colchester	100				100
L-51	Tom Hocker & Co.....	Colchester	140				140
27 local mines total.....			6,482				6,437

## SCHUYLER COUNTY

LOCAL MINES.							
L-1	Big Four Coal Co.....	Rushville	24,492				19,924
L-2	Wheelhouse Coal Co.....	Rushville	10,564				9,559
L-3	A. H. McCormick & Sons.....	Rushville	7,934				7,934
L-4	Little Dog Mine.....	Rushville	5,067				5,067
L-5	Wallace & Beebe.....	Rushville	3,850				3,835
L-6	Tomliason Coal Co.....	Littleton	1,652				1,652
L-7	Archie Shanks.....	Littleton	727				727
L-8	F. E. Hendricks.....	Frederick	100				92
L-9	Roosevelt & Cleavenger.....	Littleton	1,200				1,200
L-10	O. F. Eddington.....	Industry	150				135
L-11	Root Bros.....	Rushville	6,581				6,567
L-12	James Stroup & Son.....	Littleton	4,541				4,541
L-13	*Icenogle Bros.....	Rushville	356				342
L-13	*Icenogle Coal Co.....	Rushville	304				304
L-15	Raymond Cunningham.....	Ray	310				290
L-18	E. E. Rining.....	Frederick	959				959
L-19	W. B. Baxter.....	Birmingham	359				346
L-24	Reeder Bros.....	Camden	100				90
L-26	E. C. Maquire.....	Birmingham	738				738
L-27	L. C. Veach.....	LaPrairie	180				180
L-29	Stoneking & Rehman.....	Rushville	300				300
L-30	Lawrence McMillan.....	Littleton	82				80
L-32	Thompson & Sons.....	Littleton	487				487

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
.....	.....	3	25	.....	.....	.....	.....	.....	.....	.....	29	.....	.....	L-1
.....	.....	3	80	.....	.....	.....	.....	.....	.....	.....	407	.....	.....	L-3
.....	.....	6	75	.....	.....	.....	.....	.....	.....	.....	343	.....	.....	L-4
.....	.....	1	75	.....	.....	.....	.....	.....	.....	.....	60	.....	.....	L-5
24	.....	2	121	.....	.....	.....	.....	.....	.....	.....	261	.....	.....	L-6
.....	.....	4	150	.....	.....	.....	.....	.....	.....	.....	581	.....	.....	L-7
5	.....	2	75	.....	.....	.....	.....	.....	.....	.....	200	.....	2	L-8
.....	.....	4	120	.....	.....	.....	.....	.....	.....	.....	440	.....	.....	L-9
.....	.....	2	100	.....	.....	.....	.....	.....	.....	.....	160	.....	.....	L-10
10	.....	2	200	.....	.....	.....	.....	.....	.....	.....	610	.....	.....	L-11
.....	.....	2	120	.....	.....	.....	.....	.....	.....	.....	78	.....	.....	L-12
1	.....	2	30	.....	.....	.....	.....	.....	.....	.....	40	.....	.....	L-17
.....	.....	3	25	.....	.....	.....	.....	.....	.....	.....	85	.....	.....	L-21
.....	.....	3	216	.....	.....	.....	.....	.....	.....	.....	699	.....	.....	L-22
.....	.....	1	33	.....	.....	.....	.....	.....	.....	.....	33	.....	.....	L-24
.....	.....	3	50	.....	.....	.....	.....	.....	.....	.....	160	.....	.....	L-25
3	.....	2	100	.....	.....	.....	.....	.....	.....	.....	128	.....	.....	L-30
.....	.....	1	95	.....	.....	.....	.....	.....	.....	.....	51	.....	.....	L-36
.....	.....	2	110	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	L-37
2	.....	1	80	.....	.....	.....	.....	.....	.....	.....	102	.....	.....	L-38
.....	.....	2	20	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	L-41
.....	.....	4	140	.....	.....	.....	.....	.....	.....	.....	680	.....	.....	L-44
.....	.....	3	130	.....	.....	.....	.....	.....	.....	.....	200	.....	.....	L-45
.....	.....	3	110	.....	.....	.....	.....	.....	.....	.....	320	.....	.....	L-46
.....	.....	2	150	.....	.....	.....	.....	.....	.....	.....	450	.....	.....	L-47
.....	.....	2	75	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	L-48
.....	.....	4	54	.....	.....	.....	.....	.....	.....	.....	140	.....	.....	L-51
45	.....	69	95	.....	.....	.....	.....	.....	.....	.....	6,482	.....	.....	.....

## THIRD DISTRICT—Concluded.

1,004	3,564	30	295	567	.....	.....	.....	1	.....	22,412	2,080	.....	3	L-1
5	1,000	11	234	608	.....	.....	.....	.....	.....	.....	10,564	.....	1	L-2
.....	.....	7	300	570	.....	.....	.....	.....	.....	.....	7,934	.....	1	L-3
.....	.....	12	222	402	.....	.....	.....	.....	.....	.....	5,067	.....	2	L-4
15	.....	9	277	462	.....	.....	.....	.....	.....	.....	3,850	.....	1	L-5
.....	.....	7	120	65	.....	.....	.....	.....	.....	.....	1,652	.....	.....	L-6
.....	.....	4	180	22	.....	.....	.....	.....	.....	.....	727	.....	.....	L-7
.....	.....	7	50	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	L-8
.....	.....	2	175	15	.....	.....	.....	.....	.....	.....	1,200	.....	.....	L-9
15	.....	.....	79	.....	.....	.....	.....	.....	.....	.....	150	.....	.....	L-10
14	.....	3	190	88	.....	.....	.....	.....	.....	.....	6,581	.....	.....	L-11
.....	.....	10	220	.....	.....	.....	.....	.....	.....	.....	4,541	.....	2	L-12
14	.....	5	50	.....	.....	.....	.....	.....	.....	.....	356	.....	.....	L-13
.....	.....	5	46	75	.....	.....	.....	.....	.....	.....	304	.....	.....	L-13
.....	.....	2	180	.....	.....	.....	.....	.....	.....	.....	310	.....	.....	L-15
8	12	2	232	26	.....	.....	.....	.....	.....	.....	959	.....	.....	L-18
.....	.....	1	210	21	.....	.....	.....	.....	.....	.....	359	.....	.....	L-19
13	.....	2	80	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	L-24
10	.....	3	125	.....	.....	.....	.....	.....	.....	.....	788	.....	.....	L-26
.....	.....	2	90	.....	.....	.....	.....	.....	.....	.....	180	.....	.....	L-27
.....	.....	4	74	48	.....	.....	.....	.....	.....	.....	300	.....	1	L-29
2	.....	2	36	3	.....	.....	.....	.....	.....	.....	82	.....	.....	L-30
.....	.....	3	175	10	.....	.....	.....	.....	.....	.....	487	.....	1	L-32

## SCHUYLER COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Tons sold to local trade.	Tons supplied to locomotives.	Tons sold to railroad companies.	Tons loaded on cars for shipment.	Tons sold to local trade.
L-35	Phillips Bros. ....	Ray .....	120	.....	.....	.....	117
L-38	Peterson Coal Co. ....	Camden .....	223	.....	.....	.....	223
L-40	Ernest Kellum .....	Littleton .....	40	.....	.....	.....	40
L-42	Ivan Derry .....	Birmingham .....	205	.....	.....	.....	202
L-45	David Vollmer .....	Ray .....	20	.....	.....	.....	14
L-48	Roderick Carr Coal Co. ....	Frederick .....	84	.....	.....	.....	77
L-52	Louis S. Lambert .....	Huntsville .....	48	.....	.....	.....	48
L-56	Lawrence H. Buss .....	Birmingham .....	20	.....	.....	.....	6
L-57	Leo Passley .....	LaPrairie .....	75	.....	.....	.....	75
L-58	Robert Hauk .....	Rushville .....	165	.....	.....	.....	165
L-59	Jesse Beam Mine .....	Ray .....	150	.....	.....	.....	120
L-60	Shelton Wingo .....	Birmingham .....	40	.....	.....	.....	40
L-61	Chas. Lambert .....	Birmingham .....	100	.....	.....	.....	100
L-63	Ross Van Winkle .....	Birmingham .....	498	.....	.....	.....	492
L-64	Thomas Ambrosius, No. 1. ....	Huntsville .....	220	.....	.....	.....	220
L-65	Earl C. Rawson .....	LaPrairie .....	55	.....	.....	.....	50
L-67	Leo Payne .....	Ray .....	40	.....	.....	.....	30
L-68	Gorsuch Coal Mine .....	Littleton .....	387	.....	.....	.....	387
L-69	Wm. Winner .....	Browning .....	90	.....	.....	.....	76
L-70	Grover Umphries .....	Rushville .....	60	.....	.....	.....	50
	42 Local mines total .....	.....	73, 673	.....	.....	.....	67, 881

## WARREN COUNTY

	LOCAL MINES.					
L-1	Howard Coal Mine .....	Alexis .....	8, 098	.....	.....	8, 098
L-2	Richardson Mine .....	Gerlaw .....	2, 017	.....	.....	2, 005
L-3	A. E. Manuel & Son .....	Roseville .....	163	.....	.....	158
L-4	Frank Clayton .....	Avon .....	140	.....	.....	120
	4 local mines total .....	.....	10, 418	.....	.....	10, 381

## THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold at including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
3		2	60	15							120			L-35
		6	150								223			L-38
		2	32								40			L-40
3		4	62	15							205			L-42
3	3	1	35								20			L-45
7		2	55								84			L-48
		1	36									48		L-52
12	2	2	30									20		L-56
		1	60									75		L-57
		1	120								165			L-58
5	25	4	120	10							150			L-59
		2	35								40			L-60
		1	90								100			L-61
6		3	125								498			L-63
		2	201		40							220		L-64
2	3	2	50									55		L-65
10		1	40								40			L-67
		3	80								387			L-68
10	4	2	90	2							90			L-69
	10	2	30	3								60		L-70
1,161	4,631	174	121	3,038	40			1		22,412	50,783	478	13	

## THIRD DISTRICT.

		11	300	809							8,098			L-1
12		7	206	135							2,017			L-2
5		4	102								163			L-3
20		2	120								140			L-4
37		24	182	944							10,418			

## THIRD DISTRICT, SHIPPING MINES—

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Fulton.....	13	2,976,168	1,865,247	940,023	-----	83,222	15,040	72,636
Knox.....	2	722,261	398,969	281,053	-----	38,536	728	2,975
Total.....	15	3,698,429	2,264,216	1,221,076	-----	121,758	15,768	75,611

## LOCAL

Adams.....	1	909	-----	-----	-----	909	-----	-----
Brown.....	10	20,231	-----	-----	-----	12,991	5	7,235
Fulton.....	99	358,152	-----	-----	-----	351,842	3,636	2,674
Hancock.....	3	2,516	-----	-----	-----	2,516	-----	-----
Knox.....	29	140,914	-----	-----	-----	131,946	4,837	4,131
McDonough.....	27	6,482	-----	-----	-----	6,437	45	-----
Schuyler.....	42	73,673	-----	-----	-----	67,881	1,161	4,631
Warren.....	4	10,418	-----	-----	-----	10,381	37	-----
Total.....	215	613,295	-----	-----	-----	584,903	9,721	18,671

## ALL

Adams.....	1	909	-----	-----	-----	909	-----	-----
Brown.....	10	20,231	-----	-----	-----	12,991	5	7,235
Fulton.....	112	3,334,320	1,865,247	940,023	-----	435,064	18,676	75,310
Hancock.....	3	2,516	-----	-----	-----	2,516	-----	-----
Knox.....	31	863,175	398,969	281,053	-----	170,432	5,565	7,106
McDonough.....	27	6,482	-----	-----	-----	6,437	45	-----
Schuyler.....	42	73,673	-----	-----	-----	67,881	1,161	4,631
Warren.....	4	10,418	-----	-----	-----	10,381	37	-----
Total.....	230	4,311,724	2,264,216	1,221,076	-----	706,661	25,489	94,282



## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of—		Tons mined by—			Number of animals under ground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.	Mining machines used.	Motors in use.	Machine.	Hand.	Stripping.	
1,084 378	155 213	4,501 2	72,625 43,400	1,550 -----	117,300 -----	19 12	8 6	302,612 234,693	2,217 39	2,671,339 487,529	48 30
1,462	163	4,503	116,025	1,550	117,300	31	14	537,305	2,256	3,158,868	78

## MINES.

10	34	-----	-----	-----	-----	-----	-----	-----	-----	909	-----
57	76	145	-----	3,000	-----	-----	-----	780	19,451	-----	-----
719	131	11,416	49,779	-----	-----	14	2	146,848	199,118	12,186	107
15	150	65	-----	-----	-----	-----	-----	2,516	37,907	-----	-----
260	109	2,655	25,633	-----	-----	7	3	102,987	6,482	20	38
69	95	-----	-----	-----	-----	-----	-----	22,412	50,783	478	13
174	121	3,038	40	-----	-----	1	-----	-----	10,418	-----	-----
24	182	944	-----	-----	-----	-----	-----	-----	-----	-----	-----
1,328	120	18,263	75,452	3,000	-----	22	5	272,247	308,004	33,044	158

## MINES.

10	34	-----	-----	-----	-----	-----	-----	-----	-----	909	-----
57	76	145	-----	3,000	-----	-----	-----	780	19,451	-----	-----
1,803	134	15,917	122,404	1,550	117,300	33	10	449,460	201,335	2,683,525	155
15	150	65	-----	-----	-----	-----	-----	2,516	37,946	-----	-----
638	115	2,657	69,033	-----	-----	19	9	337,680	6,482	487,549	68
69	95	-----	-----	-----	-----	-----	-----	22,412	50,783	478	13
174	121	3,038	40	-----	-----	1	-----	-----	10,418	-----	-----
24	182	944	-----	-----	-----	-----	-----	-----	-----	-----	-----
2,790	123	22,766	191,477	4,550	117,300	53	19	809,552	310,260	3,191,912	236

## FOURTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Fourth Inspection District comprising the coal producing counties of Cass, Christian, Logan, Menard, Morgan, Sangamon and Scott for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
HARRY ROBERTS, *Inspector.*

## FOURTH DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal	7	6	6	6	6
Number of shipping mines	14	14	16	16	17
Number of local mines	36	33	49	39	31
Number of employees underground	5,280	5,465	5,588	5,308	5,360
Number of employees on surface	1,002	985	987	995	1,046
Total number employed	6,282	6,450	6,575	6,303	6,406
Tons of coal produced in shipping mines	7,082,294	7,161,880	6,245,745	6,056,629	5,806,662
Tons of coal produced in local mines	421,852	337,714	332,113	266,815	227,121
Tons of coal produced, total	7,504,146	7,499,594	6,577,858	6,323,444	6,033,783
Days operated, shipping mines, average	165	172	151	160	157
Days operated, local mines, average	161	161	155	153	135
Number of undercutting machines	60	63	62	80	69
Tons undercut	5,949,443	5,837,013	4,838,589	4,671,424	4,527,140
Tons mined by hand	1,554,703	1,662,581	1,739,269	1,652,020	1,506,643
Tons mined in strip mines	268	244	224	255	219
Number of loading machines used	5,758,309	5,560,804	4,536,678	4,349,790	4,305,099
Tons loaded mechanically	5	12	7	12	12
Number of fatal accidents	473	525	466	505	505
Number of non-fatal accidents	1,256	538	939	525	534
Number of employees to each fatality	13.3	12	14.1	12.5	12.7
Number employed to each non-fatal accident	1,500,829	624,966	939,694	526,954	502,815
Tons of coal mined to each fatality	15,865	14,285	14,116	12,522	11,948
Tons mined to each non-fatal accident	8	1.9	1.1	1.9	1.9
Number of fatalities per 1,000 employed	75.3	81.4	70.9	80.1	78.8
Number injured per 1,000 employed					

## ABANDONED MINES.

Sangamon Coal Co. No. 2, Sangamon County.

## CHANGE OF NAME.

Employees Group Jefferson Mine to Brewerton Co. No. 81.

## IDLE MINES.

Pana Coal No. 2, Pana, Christian County.  
Panther Creek Mines, Inc. No. 1, Auburn, Sangamon County.  
Panther Creek Mines, Inc. No. 3, Springfield, Sangamon County.  
Peabody Coal Co. No. 6, Sherman, Sangamon County.  
Peabody Coal Co. No. 21, Stonington, Christian County.  
Peabody Coal Co. No. 52, Riverton, Sangamon County.  
Peabody Coal Co. No. 54, Auburn, Sangamon County.  
Peabody Coal Co. No. 55, Springfield, Sangamon County.

## FATAL ACCIDENTS.

January 30, Chester C. Gwin, carpenter, aged 48 years, married, struck by cage in mine No. 59 of the Peabody Coal Co., leaving wife and one child.

February 16, Glenn Pickard, cleanup man, aged 40 years, married, killed by fall of slate in mine No. 58 of the Peabody Coal Co., leaving wife and one child.

July 30, Patrick McGill, laborer, aged 30 years, single, killed by fall of slate in mine No. 53 of the Peabody Coal Co., leaving no dependents.

August 13, John Stamm, loading machine helper, aged 49 years, single, killed by fall of slate in mine No. 58 of the Peabody Coal Co., leaving one dependent.

October 9, John Flahart, triprider, aged 29 years, married, crushed between car and bar leg in mine No. 9 of the Peabody Coal Co., leaving wife and one child.

## FATAL ACCIDENTS, FOURTH DISTRICT, 1937.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Oct. 9	9 Oct.	John Flahart	29	Trip Rider	Langleyville	Peabody Coal Co.	9	1	1	1	1	2	Crushed by car.
Jan. 30	30 Jan.	Chester C. Gwin	48	Carpenter	Riverton	Peabody Coal Co.	59	1	1	1	1	2	Crushed by cage.
July 30	30 July	Patrick McGill	30	Laborer	Springfield	Peabody Coal Co.	53	1	1	1	1	2	Fall of slate.
Feb. 16	16 Feb.	Glen Pickard	40	Cleanup man	Taylorville	Peabody Coal Co.	58	1	1	1	1	2	Fall of slate.
Aug. 13	13 Aug.	John Stamm	49	Loading machine helper	Taylorville	Peabody Coal Co.	58	1	1	1	1	1	Fall of slate.



## CASS COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Thievaght Coal Co. ....	Beardstown.....	375	-----	-----	-----	375
L-9	Newmansville Coal Co. ....	Ashland.....	540	-----	-----	-----	490
	2 local mines total. ....	-----	915	-----	-----	-----	865

## CHRISTIAN COUNTY

SHIPPING MINES.							
S-1	Pana Coal Co. ....	Pana.....	65,822	18,311	51	11,904	28,043
S-2	Peabody Coal Co., No. 7.....	Kincaid.....	1,216,027	974,479	232,021	-----	8,633
S-3	Peabody Coal Co., No. 8.....	Kincaid.....	1,198,737	1,172,239	25,754	-----	14
S-4	Peabody Coal Co., No. 9.....	Taylorville.....	1,201,219	960,824	239,524	-----	-----
S-5	Peabody Coal Co., No. 58.....	Taylorville.....	966,460	866,155	26,750	-----	65,373
S-6	Penwell Coal Mining Co. ....	Pana.....	95,333	59,060	4,518	-----	26,164
	6 shipping mines total.....	-----	4,743,598	4,051,068	528,618	11,904	128,227
LOCAL MINES.							
L-1	Edinburg Coal Co. ....	Edinburg.....	15,700	-----	-----	-----	15,239
	7 all mines total.....	-----	4,759,298	4,051,068	528,618	11,904	143,466

## LOGAN COUNTY

LOCAL MINES.							
L-1	Deer Creek Coal Co. ....	Lincoln.....	2,969	-----	-----	-----	2,869

## MENARD COUNTY

LOCAL MINES.							
L-1	Greenview Mining Co. ....	Greenview.....	54,837	-----	-----	-----	54,477
L-2	Johnson Valley Coal Co. ....	Middletown.....	41,552	-----	-----	-----	37,552
L-2	Charles Whitehurst.....	Tallula.....	10,952	-----	-----	-----	9,957
L-4	Perkins Coal Co. ....	Athens.....	3,670	-----	-----	-----	3,670
L-5	Indian Creek Coal Co. ....	Petersburg.....	7,790	-----	-----	-----	7,080
L-6	John W. Mallergren.....	Petersburg.....	7,238	-----	-----	-----	5,264
L-7	Old Salem Coal Co. ....	Petersburg.....	4,256	-----	-----	-----	3,426
L-8	Klingbiel Coal Co. ....	Petersburg.....	5,013	-----	-----	-----	4,853
L-9	Lincoln Mine.....	Petersburg.....	6,160	-----	-----	-----	5,560
L-10	Teburge Bros. ....	Petersburg.....	2,181	-----	-----	-----	2,031
	10 local mines total.....	-----	143,649	-----	-----	-----	133,870

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
50	5	3	70	57	54						375			L-1
50	5	5	60	54							549		1	L-9
50	5	5	65	111							915		1	

## FOURTH DISTRICT.

4,338	3,175	159	110		10,850		4,900		2		65,822		6	S-1
894		552	207		468,600			5	34	1,216,027			1	S-2
730		542	197	368	434,100			6	33	1,198,737				S-3
871		550	203		417,450	7,900		6	35	1,201,219			1	S-4
8,182		420	242		264,700	1,500		4	26	966,460				S-5
4,400	1,191	246	59		13,350		11,100	1	2	3,761			13	S-6
19,415	4,366	2,469	170	368	1,609,050	9,400	16,000	22	132	4,586,204	157,394		21	
461		25	157	100				1		15,700			4	L-1
19,876	4,366	2,494	168	468	1,609,050	9,400	16,000	23	132	4,601,904	157,394		25	

## FOURTH DISTRICT.

100		16	73	100					1		2,969			L-1
-----	--	----	----	-----	--	--	--	--	---	--	-------	--	--	-----

## FOURTH DISTRICT.

360		60	225		60,000			1	1	54,837			4	L-1
1,500	2,500	29	238	600				2	1	41,552			2	L-2
220	775	12	215	400							10,952		2	L-3
		8	82	200							3,670		2	L-4
410	300	10	185	330						2,000	5,790		1	L-5
1,200	774	12	208	500				1		7,238			1	L-6
330	500	13	158	378							4,256		2	L-7
10	150	12	242	325							5,013		2	L-8
300	300	12	160	400							6,160		2	L-9
150		6	190	150							2,181			L-10
4,480	5,299	174	190	3,283	60,000			4	2	105,627	38,022		18	

## MORGAN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Wagstaff & Smith.....	Murrayville.....	490	-----	-----	-----	490
L-2	W. C. Fisher.....	Murrayville.....	602	-----	-----	-----	500
	2 local mines total.....	-----	1,092	-----	-----	-----	990

## SANGAMON COUNTY

SHIPPING MINES.							
S-1	Central Illinois Coal Mining Co., "A".....	Springfield.....	205,415	69,293	98,919	-----	36,979
S-2	Mine B Coal Co.....	Springfield.....	161,744	64,394	71,500	-----	24,925
S-3	Panther Creek Mines, Inc., No. 4.....	Springfield.....	376,774	241,742	93,416	-----	36,460
S-4	Panther Creek Mines, Inc., No. 5.....	Springfield.....	371,208	174,400	108,951	-----	84,439
S-5	Peabody Coal Co., No. 53.....	Springfield.....	415,814	220,238	108,959	-----	83,939
S-6	Peabody Coal Co., No. 57.....	Springfield.....	450,408	321,075	11,443	-----	105,503
S-7	Peabody Coal Co., No. 59.....	Springfield.....	336,404	291,705	20,811	588	18,612
S-9	Employees Group Jefferson Mine.....	Springfield.....	18,998	5,671	4,520	-----	8,807
S-9	The Brewerton Co.....	Springfield.....	1,931	609	940	-----	382
	8 shipping mines total.....	-----	2,338,696	1,389,127	519,459	588	400,046
LOCAL MINES.							
L-1	Panther Creek Mines, Inc., No. 2.....	Springfield.....	109,631	-----	-----	-----	108,406
L-2	Number Twelve Coal Co.....	Springfield.....	24,493	-----	-----	-----	21,468
L-3	Howard Coal Co.....	Athens.....	8,778	-----	-----	-----	8,572
L-4	Barr Coal Co.....	Athens.....	23,690	-----	-----	-----	23,200
L-5	Happy Hollow Mine.....	Pleasant Plains.....	6,856	-----	-----	-----	6,856
L-6	Bethel Mine.....	Pleasant Plains.....	7,123	-----	-----	-----	6,723
L-7	Bryan Eddy.....	Cantrall.....	9,550	-----	-----	-----	9,000
L-8	Cosmo Coal Co.....	Loami.....	5,867	-----	-----	-----	5,842
L-9	Lincoln Trail Coal Co.....	Pleasant Plains.....	4,722	-----	-----	-----	4,222
L-10	Cantrall Coal Co.....	Petersburg.....	11,698	-----	-----	-----	11,272
L-11	Wenneborg Coal Co.....	New Berlin.....	7,920	-----	-----	-----	7,720
L-12	Plains Mining Co.....	Pleasant Plains.....	5,791	-----	-----	-----	5,700
L-13	Springfield Salisbury Coal Co.....	Pleasant Plains.....	6,944	-----	-----	-----	6,944
L-14	Edgar Wanless.....	Pleasant Plains.....	1,380	-----	-----	-----	1,080
L-15	Denkert Coal Co.....	Riverton.....	19,932	-----	-----	-----	19,900
L-16	Farmingdale Coal Co.....	New Berlin.....	1,033	-----	-----	-----	1,013
	16 local mines total.....	-----	255,408	-----	-----	-----	247,918
	24 all mines total.....	-----	2,594,104	1,389,127	519,459	588	647,964

## SCOTT COUNTY

LOCAL MINES.							
L-1	Hosking Bros. Mine.....	Winchester.....	1,119	-----	-----	-----	1,119
L-2	James A. Jones.....	Winchester.....	520	-----	-----	-----	520
L-3	McGuire Coal Co.....	Winchester.....	300	-----	-----	-----	300
L-7	Josh Hepworth.....	Alsey.....	180	-----	-----	-----	180
	4 local mines total.....	-----	2,119	-----	-----	-----	2,119

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
2	100	5	140								490			L-1
		9	80								602			L-2
2	100	14	110								1,092			

## FOURTH DISTRICT.

274		319	132	460	260,375				4		205,415		22	S-1
925		460	78	8,919					5		161,744		27	S-2
3,905	1,251	446	225	20,462					1		376,774		24	S-3
3,418		450	212	19,455		50			3		371,208		26	S-4
840	1,838	482	155		524,850			9	8	415,814		40	S-5	
5,718	6,669	457	159		550,200			8	7	450,408		41	S-6	
3,654	1,034	398	126		438,350			9	5	336,404		41	S-7	
		49\	188	1,236					2\		18,998		3\	S-9
		115/*	12	160					/*		1,931		/*	S-9
18,684	10,792	3,094	161	50,692	1,773,775	50		26	38	1,202,626	1,136,070		224	
188	1,045	205	153	5,779					2		109,631		11	L-1
701	2,324	59	140	603	10,150						24,493		9	L-2
206		12	83	125				2		8,778		3	L-3	
50	440	40	159	875	10,200						23,690		4	L-4
		19	170	594				1		6,856		1	L-5	
400		13	255	420							7,123		2	L-6
550		14	214	500							9,550		1	L-7
25		12	173	499							5,867		3	L-8
350	150	15	160	462							4,722		2	L-9
426		14	247	354							11,698			L-10
200		12	168		1,700			1		7,920		2	L-11	
91		11	155	600				1		5,791		2	L-12	
		12	173	230							6,944		2	L-13
300		4	250	60							1,380			L-14
32		18	231	1,264				1		9,708	10,224	3	L-15	
20		6	100	50				1		233	800			L-16
3,531	3,959	466	177	12,415	22,350			7	2	39,286	216,122		45	
22,215	14,751	3,560	172	63,107	1,796,125	50		33	40	1,241,912	1,352,192		269	

## FOURTH DISTRICT

		5	164	67							1,119			L-1
		6	120								520			L-2
		3	70								300			L-3
		2	100								180			L-7
		16	114	67							2,119			

## FOURTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Christian.....	6	4,743,598	4,051,068	528,618	11,904	128,227	19,415	4,366
Sangamon.....	8	2,338,090	1,389,127	519,459	588	400,046	18,684	10,792
Total.....	14	7,082,294	5,440,195	1,048,077	12,492	528,273	38,099	15,158

## LOCAL MINES

Cass.....	2	915	-----	-----	-----	865	50	-----
Christian.....	1	15,700	-----	-----	-----	15,239	461	-----
Logan.....	1	2,969	-----	-----	-----	2,869	100	-----
Menard.....	10	143,649	-----	-----	-----	133,870	4,480	5,299
Morgan.....	2	1,092	-----	-----	-----	990	2	100
Sangamon.....	16	255,408	-----	-----	-----	247,918	3,531	3,959
Scott.....	4	2,119	-----	-----	-----	2,119	-----	-----
Total.....	36	421,852	-----	-----	-----	403,870	8,624	9,358

## ALL MINES

Cass.....	2	915	-----	-----	-----	865	50	-----
Christian.....	7	4,759,298	4,051,068	528,618	11,904	143,466	19,876	4,366
Logan.....	1	2,969	-----	-----	-----	2,869	100	-----
Menard.....	10	143,649	-----	-----	-----	133,870	4,480	5,299
Morgan.....	2	1,092	-----	-----	-----	990	2	100
Sangamon.....	24	2,594,104	1,389,127	519,459	588	647,964	22,215	14,751
Scott.....	4	2,119	-----	-----	-----	2,119	-----	-----
Total.....	50	7,504,146	5,440,195	1,048,077	12,492	932,143	46,723	24,516

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of—		Tons mined by—			Number of animals under ground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.	Mining machines used.	Motors in use.	Machine.	Hand.	Stripping.	
2,469	170	368	1,609,050	9,400	16,000	22	132	4,586,204	157,394	-----	21
3,094	161	50,692	1,773,775	50	-----	26	38	1,202,626	1,136,070	-----	224
5,563	165	51,060	3,382,825	9,450	16,000	48	170	5,788,830	1,293,464	-----	245

## FOURTH DISTRICT.

8	65	111	-----	-----	-----	-----	-----	-----	915	-----	1
25	157	100	-----	-----	-----	1	-----	15,700	-----	-----	4
16	73	100	-----	-----	-----	-----	1	-----	2,969	-----	-----
174	190	3,283	60,000	-----	-----	4	2	105,627	38,022	-----	18
14	110	-----	-----	-----	-----	-----	-----	-----	1,092	-----	-----
466	177	12,415	22,350	-----	-----	7	2	39,286	216,122	-----	45
16	114	67	-----	-----	-----	-----	-----	-----	2,119	-----	-----
719	161	16,076	82,350	-----	-----	12	5	160,613	261,239	-----	68

## FOURTH DISTRICT.

8	65	111	-----	-----	-----	-----	-----	-----	915	-----	1
2,494	168	468	1,609,050	9,400	16,000	23	132	4,601,904	157,394	-----	25
16	73	100	-----	-----	-----	-----	1	-----	2,969	-----	-----
174	190	3,283	60,000	-----	-----	4	2	105,627	38,022	-----	18
14	110	-----	-----	-----	-----	-----	-----	-----	1,092	-----	-----
3,560	172	63,107	1,796,125	50	-----	33	40	1,241,912	1,352,192	-----	269
16	114	67	-----	-----	-----	-----	-----	-----	2,119	-----	-----
6,282	162	67,136	3,465,175	9,450	16,000	60	175	5,949,443	1,554,703	-----	313

## FIFTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Fifth Inspection District comprising the coal producing counties of Edgar, Macon and Vermilion for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

THOMAS McKENNA, *Inspector.*

## FIFTH DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal .....	3	3	3	3	3
Number of shipping mines .....	8	7	8	7	6
Number of local mines .....	100	124	147	131	130
Number of employees underground .....	2, 785	2, 950	3, 109	3, 042	2, 970
Number of employees on surface .....	469	442	448	448	564
Total number employed .....	3, 254	3, 392	3, 557	3, 490	3, 534
Tons of coal produced in shipping mines .....	2, 055, 848	2, 138, 928	1, 850, 109	1, 840, 005	1, 932, 038
Tons of coal produced in local mines .....	427, 419	386, 544	362, 528	294, 111	298, 112
Tons of coal produced, total .....	2, 483, 267	2, 525, 472	2, 212, 637	2, 134, 116	2, 230, 150
Days operated, shipping mines, average .....	133	178	148	151	151
Days operated, local mines, average .....	129	115	104	125	118
Number of undercutting machines .....	90	94	80	77	71
Tons undercut .....	2, 121, 250	2, 193, 932	1, 886, 197	1, 889, 462	1, 816, 819
Tons mined by hand .....	178, 995	185, 908	225, 673	202, 195	185, 611
Tons mined in strip mines .....	183, 022	145, 632	100, 767	42, 459	227, 720
Number of loading machines used .....	59	47	54	45	53
Tons loaded mechanically .....	863, 700	732, 656	514, 328	568, 249	733, 732
Number of fatal accidents .....	7	8	7	8	9
Number of non-fatal accidents .....	222	259	225	247	244
Number of employees to each fatality .....	465	424	508	436	393
Number employed to each non-fatal accident .....	14. 7	13. 1	15. 8	14. 1	14. 5
Tons of coal mined to each fatality .....	354, 752	315, 684	316, 091	266, 765	247, 794
Tons mined to each non-fatal accident .....	11, 186	9, 751	9, 834	8, 640	9, 140
Number of fatalities per 1,000 employed .....	2. 2	2. 4	2. 0	2. 3	2. 5
Number injured per 1,000 employed .....	68. 2	76. 4	63. 2	70. 8	69

## IDLE MINES.

Lovington Coal Mining Co., Lovington, Moultrie County.  
United States Fuel Co., Vermilion, Georgetown, Vermilion County.

## FATAL ACCIDENTS.

January 15, William F. Aloway, miner, aged 42 years, single, killed by fall of rock in Bunsenville mine of the United States Fuel Co., leaving no dependents.

February 5, Halford Burton, loading machine operator, aged 28 years, married, killed by fall of rock in mine No. 24 of the Peabody Coal Co., leaving wife and one child.

February 13, Albert Van Allen, miner, aged 40 years, married, killed by fall of rock in mine of Crawford Coal Co., leaving wife and one child.

June 18, Pete Tappero, miner, aged 50 years, single, killed by fall of rock in Bunsenville mine of the United States Fuel Co. No dependents.

July 7, Henry M. Walton, miner-operator, aged 60 years, married, suffocated by black damp in mine of Big Diamond Coal Co., leaving wife.

July 7, George Lee Pate, miner, aged 41 years, married, suffocated by black damp in mine of Big Diamond Coal Co., leaving wife.

August 4, Andrew Stevens, Sr. miner, aged 64 years, married, killed by fall of rock in mine No. 24 of the Peabody Coal Co., leaving wife.

## FATAL ACCIDENTS, FIFTH DISTRICT, 1937

Date of injury	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number of letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 15	15	William F. Aloway	42	Miner	Westville	United States Fuel Co.	Bun	1	1				Fall of rock.
Feb. 5	5	Halford Burton	28	Loading machine operator	Danville	Peabody Coal Co.	24	1	1	1	1	2	Fall of rock.
July 7	7	George Lee Pate	41	Miner	Muncie	Big Diamond Coal Co.	Bun	1	1	1	1	1	Suffocation by black damp.
June 18	18	Pete Tappero	50	Miner	Westville	United States Fuel Co.	Bun	1	1	1	1	1	Fall of rock.
Aug. 4	4	Andrew Stevens, Sr.	64	Miner	Catlin	Peabody Coal Co.	24	1	1	1	1	1	Fall of rock.
Feb. 13	13	Albert Van Allen	40	Miner	Muncie	Crawford Coal Co.	24	1	1	1	1	2	Fall of rock.
July 7	7	Henry M. Walton	60	Miner	Danville	Big Diamond Coal Co.	24	1	1	1	1	1	Suffocation by black damp.

## NON-FATAL ACCIDENTS, FIFTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Macon County Coal Co.....	34	8	1,455	56	8	182	23	18	January....	23
F. C. Morgan Coal Co.....	1		11	11	1	11	11		February....	26
Peabody Coal Co., No. 24.....	56	7	1,457	30	28	383	14	21	March.....	34
Tilton Mining Co., No. 24.....	3		149	50	1	29	29	2	April.....	13
U. S. Fuel Co., "Bun".....	97	11	3,888	45	34	583	17	52	May.....	10
Shipping mines.....	191	26	6,960	42	72	1,188	17	93	June.....	12
Local mines.....	31	9	569	26	15	222	15	7	July.....	10
									August.....	20
									September....	17
									October.....	24
									November....	12
									December....	21
Total.....	222	35	7,529	40	87	1,410	16	100		222
								6,119		61

## EDGAR COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Lincoln City Coal Co., Inc. . . .	St. Bernice. . . .	27, 087	17, 260	9, 490	-----	337
LOCAL MINES.							
L-1	Edgar County Coal Co. . . . .	Paris. . . . .	27, 311	-----	-----	-----	24, 120
L-2	Martin Coal Co. . . . .	Paris. . . . .	4, 592	-----	-----	-----	4, 146
L-3	Greenwalt Mine. . . . .	Paris. . . . .	4, 335	-----	-----	-----	4, 135
L-5	* (Black Walnut Mine. . . . .	Scotland. . . . .	150	-----	-----	-----	100
L-5	* (Black Walnut Mine. . . . .	Scotland. . . . .	100	-----	-----	-----	80
4 local mines total. . . . .			36, 488	-----	-----	-----	32, 581
5 all mines total. . . . .			63, 575	17, 260	9, 490	-----	32, 918

## MACON COUNTY

S-1	Macon County Coal Co.....	Decatur.....	145, 289	13, 541	-----	-----	127, 455
-----	---------------------------	--------------	----------	---------	-------	-------	----------

## VERMILION COUNTY

SHIPPING MINES.							
S-1	United States Fuel Co., "Bun"	Georgetown.....	1, 013, 114	555, 967	434, 644	2, 330	15, 006
S-2	Peabody Coal Co., No. 24.....	Danville.....	654, 715	296, 085	237, 269	-----	70, 822
S-3	F. C. Morgan Coal Co.....	Danville.....	140, 678	135, 051	5, 627	-----	-----
S-4	Tilton Mining Co.....	Danville.....	56, 122	8, 586	28, 552	-----	18, 864
S-5	Pyramid Coal Corp., No. 2.....	Danville.....	13, 942	6, 159	-----	-----	7, 783
S-6	J. G. Skelton Coal Co.....	Danville.....	4, 901	1, 631	-----	-----	3, 270
	6 shipping mines total.....	-----	1, 883, 472	1, 003, 479	706, 092	2, 330	115, 745
LOCAL MINES.							
L-1	Hegeler Coal Operating Co.....	Danville.....	107, 882	-----	-----	-----	-----
L-2	Crawford Coal Co.....	Oakwood.....	26, 655	-----	-----	-----	22, 190
L-3	Oakwood Coal Co.....	Oakwood.....	25, 449	-----	-----	-----	24, 276
L-4	Achille Lete & Sons Coal Co.....	Danville.....	6, 049	-----	-----	-----	5, 697
L-5	W-W Coal Co.....	Danville.....	23, 555	-----	-----	-----	23, 400
L-6	M-M Coal Co.....	Danville.....	12, 000	-----	-----	-----	12, 000
L-7	Central Coal Co.....	Fairmount.....	7, 606	-----	-----	-----	7, 580
L-8	F. B. & M. Coal Co.....	Danville.....	12, 112	-----	-----	-----	12, 112
L-9	The Dragon Coal Co.....	Danville.....	8, 214	-----	-----	-----	8, 014
L-10	M. & B. Coal Co.....	Danville.....	7, 897	-----	-----	-----	7, 426
L-11	L. & S. Coal Co.....	Danville.....	7, 850	-----	-----	-----	7, 850
L-12	Blackburn Coal Co.....	Tilton.....	2, 594	-----	-----	-----	2, 594
L-13	Alex Anderson Coal Co.....	Danville.....	7, 094	-----	-----	-----	6, 944
L-14	Swan Coal Co.....	Danville.....	3, 935	-----	-----	-----	3, 735
L-15	Cassel Branch Mine, No. 2.....	Muncie.....	1, 658	-----	-----	-----	1, 658
L-16	John Mauck.....	Catlin.....	8, 050	-----	-----	-----	7, 014
L-17	Diamond Coal Co.....	Danville.....	8, 636	-----	-----	-----	8, 595
L-18	Black Hawk Coal Co.....	Danville.....	8, 190	-----	-----	-----	8, 190
L-19	P. J. Dowliatt & Sons Mine, No. 1.....	Westville.....	4, 087	-----	-----	-----	3, 576

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## FIFTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	32	40	-----	1,500	1,000	-----	-----	-----	-----	-----	27,087	-----	S-1
3,000	191	35	180	-----	13,750	-----	-----	2	-----	27,311	-----	-----	3	L-1
71	375	7	161	-----	1,000	-----	-----	1	-----	4,592	-----	-----	1	L-2
200	-----	13	175	500	-----	-----	-----	-----	-----	-----	4,335	-----	2	L-3
50	-----	4	40	-----	-----	-----	100	1	-----	150	-----	-----	-----	L-5
20	-----	4/ *	20	-----	75	-----	-----	1/ *	-----	100	-----	-----	-----	-----
3,341	566	59	144	500	14,825	-----	100	4	-----	32,153	4,335	-----	6	-----
3,341	566	91	123	500	16,325	1,000	100	4	-----	32,153	4,335	27,087	6	-----

## FIFTH DISTRICT.

3,315	978	320	176	-----	-----	15,000	-----	9	3	145,289	-----	-----	26	S-1
-------	-----	-----	-----	-------	-------	--------	-------	---	---	---------	-------	-------	----	-----

## FIFTH DISTRICT.

4,241	926	1,326	201	-----	73,900	-----	128,200	31	26	1,013,114	-----	-----	3	S-1
5,380	45,159	571	172	-----	299,650	-----	8,300	25	35	654,715	-----	-----	10	S-2
-----	-----	35	141	-----	9,300	-----	-----	-----	-----	-----	-----	140,678	-----	S-3
120	-----	71	145	1,066	-----	-----	-----	3	-----	50,999	5,123	-----	5	S-4
-----	-----	39	38	-----	1,800	-----	-----	-----	-----	-----	-----	13,942	-----	S-5
-----	-----	9	151	245	-----	-----	-----	-----	-----	4,901	-----	-----	2	S-6
9,741	46,085	2,051	141	1,311	382,850	1,800	136,500	59	61	1,718,828	10,024	154,620	20	-----
107,882	-----	126	222	-----	8,700	-----	25,375	4	5	88,061	19,821	-----	-----	L-1
100	4,365	32	230	520	-----	-----	-----	1	-----	25,567	1,088	-----	3	L-2
-----	1,173	35	147	117	5,650	-----	-----	2	1	25,449	-----	-----	-----	L-3
25	327	18	176	98	-----	-----	-----	1	-----	5,910	139	-----	2	L-4
155	-----	31	200	785	-----	-----	-----	2	-----	23,555	-----	-----	3	L-5
-----	-----	11	156	-----	5,000	-----	-----	1	-----	10,000	2,000	-----	2	L-6
26	-----	24	165	151	-----	-----	-----	1	-----	7,606	-----	-----	2	L-7
-----	200	23	277	400	58	-----	-----	1	-----	12,112	-----	-----	2	L-8
420	51	18	185	146	-----	-----	-----	1	-----	7,714	500	-----	2	L-9
-----	-----	14	128	297	-----	-----	-----	1	-----	7,897	-----	-----	1	L-10
-----	-----	8	227	347	-----	-----	-----	-----	-----	-----	5,850	-----	1	L-11
-----	-----	30	186	120	-----	-----	-----	-----	-----	-----	2,594	-----	-----	L-12
50	100	12	150	207	-----	750	-----	1	-----	7,094	-----	-----	1	L-13
-----	200	16	220	165	-----	-----	-----	-----	-----	-----	3,935	-----	1	L-14
-----	-----	9	101	121	-----	-----	-----	-----	-----	-----	1,658	-----	1	L-15
15	1,021	11	198	360	-----	-----	-----	-----	-----	-----	8,050	-----	2	L-16
41	-----	8	270	403	-----	-----	-----	-----	-----	-----	8,636	-----	1	L-17
-----	-----	12	280	546	-----	400	-----	-----	-----	-----	8,190	-----	1	L-18
511	-----	10	197	184	-----	-----	-----	-----	-----	-----	4,087	-----	1	L-19

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-20	Pichon Coal Co.	Catlin	4,356				4,356
L-21	Fletcher Bros.	Armstrong	1,060				1,060
L-22	A. B. Mauck	Danville	3,657				3,657
L-23	Blue Bird Mine, No. 2	Danville	1,434				1,046
L-24	Wilson Mine	Tilton	3,000				2,964
L-25	Jay Coal Co.	Catlin	1,840				1,840
L-26	Schafer Coal Co.	Danville	2,293				2,248
L-27	Thompson Hollow Mine, No. 1	Catlin	1,000				1,000
L-27	Thompson Hollow Mine, No. 1	Catlin	328				328
L-29	Bert Larew Mine, No. 1	Catlin	1,554				1,144
L-30	Jacob J. Becker	Catlin	659				659
L-30	M. & P. Mine	Catlin	1,610				1,590
L-31	J. P. Sheward Mine, No. 1	Catlin	600				600
L-32	Cessna Bros. Coal Co.	Danville	6,642				6,642
L-33	Haun & Sons	Danville	549				519
L-34	Pearson Coal Co., No. 2	Catlin	843				843
L-34	Pearson Coal Co., No. 2	Catlin	470				470
L-34	Pearson Coal Co., No. 2	Catlin	2,840				2,840
L-36	Lone Hill Coal Co.	Danville	2,500				2,500
L-38	Ray Mine, No. 1	Fairmount	2,266				2,266
L-39	Kelly Branch Mine	Danville	650				600
L-40	Thomas Bros. Coal Co.	Catlin	240				240
L-41	Dowiatt & Sons Mine, No. 2	Westville	3,000				3,000
L-43	Riverside Coal Co.	Danville	1,708				1,708
L-44	Chester W. Larson	Oakwood	2,500				2,200
L-45	Larson & Son Coal Co. Mine						
L-45	Mine, No. 1	Grape Creek	445				445
L-48	R. F. Smith	Danville	350				350
L-51	Oscar R. Frederickson	Danville	1,150				1,130
L-53	Talbert & Anderson	Grape Creek	795				795
L-54	George Bros. Coal Co.	Fairmount	1,343				1,180
L-55	Chas. E. Lind & Son, No. 1	Danville	1,180				945
L-56	Burgoyne Coal Mine	Catlin	1,842				1,842
L-57	Martin Bros. Coal Co.	Danville	137				137
L-59	Scarce Bros., No. 1	Grape Creek	715				715
L-60	Alva Worley	Tilton	3,065				3,065
L-61	Salt Fork Mine	Catlin	940				784
L-61	Salt Fork Mine	Catlin	1,476				1,331
L-62	William A. Weir	Tilton	89				82
L-63	Harold Shroyer	Catlin	2,370				2,320
L-64	W. E. Williams Mine, No. 2	Westville	330				330
L-65	Carbon Coal Co.	Danville	250				250
L-65	Eureka Coal Co.	Danville	640				575
L-66	Riverbank Coal Co.	Muncie	600				600
L-66	Riverbank Coal Co.	Muncie	391				313
L-67	Johnson & Son Coal Co.	Catlin	600				600
L-67	Gibson Coal Co.	Catlin	808				800
L-68	Quality Coal Co.	Danville	2,820				2,765
L-70	Lovett & Son Coal Co.	Catlin	3,130				3,100
L-72	A. D. L. Co.	Danville	1,700				1,600
L-73	M. & D. Coal Co.	Catlin	2,000				2,000
L-75	Lind Coal Co., No. 2	Danville	742				674
L-76	Steve Janosik	Westville	957				712
L-77	B. & H. Coal Co.	Catlin	2,591				2,581
L-79	New Grape Creek Coal Co.	Westville	306				281
L-80	Bert Hunt	Danville	800				735
L-81	Pierce Coal Co.	Danville	400				400
L-82	Superior Coal Co.	Grape Creek	200				200
L-82	Superior Coal Co.	Grape Creek	167				130
L-84	Walter Wilson	Tilton	1,350				1,350
L-85	Howard Coal Co.	Danville	1,365				1,355

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIFTH DISTRICT—Continued.

Disposition of output—tons.		Total employees	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
—	—	12	178	228	—	—	—	1	—	358	3,998	—	1	L-20
—	—	7	60	50	—	—	—	—	—	—	1,060	—	—	L-21
—	—	7	200	90	—	—	—	1	—	3,657	—	—	1	L-22
—	388	8	74	60	—	—	—	—	—	—	1,434	—	1	L-23
36	—	8	174	189	—	—	—	—	—	—	3,000	—	1	L-24
—	—	5	96	90	—	—	—	—	—	—	1,840	—	1	L-25
25	20	5	143	150	—	—	—	—	—	—	2,293	—	1	L-26
—	—	8	50	50	—	—	—	—	—	—	1,000	—	1	L-27
—	—	9	60	20	—	—	—	—	—	—	328	—	1	L-27
20	390	4	128	112	—	—	—	—	—	—	1,554	—	1	L-29
—	—	10	36	30	—	—	—	—	—	—	659	—	1	L-30
20	—	5	70	80	—	—	—	—	—	—	1,610	—	1	L-30
—	—	5	90	30	—	—	—	—	—	—	600	—	1	L-31
—	—	7	121	277	—	—	—	—	—	—	6,642	—	1	L-32
30	—	3	100	6	—	—	—	—	—	—	—	549	1	L-33
—	—	10	60	44	—	—	—	—	—	—	843	—	1	L-34
—	—	9	25	23	—	—	—	—	—	—	470	—	1	L-34
—	—	8	200	150	—	1,000	—	—	—	—	2,840	—	1	L-34
—	—	3	159	125	—	—	—	—	—	—	2,500	—	1	L-36
—	—	4	118	72	—	—	—	—	—	—	2,266	—	1	L-38
20	30	3	50	32	—	—	—	—	—	—	650	—	1	L-39
—	—	3	60	14	—	—	—	—	—	—	240	—	1	L-40
—	—	15	131	148	—	—	—	—	—	—	3,000	—	1	L-41
—	—	4	224	70	—	—	—	—	—	—	1,708	—	1	L-43
300	—	10	140	160	—	—	—	—	—	—	2,500	—	2	L-44
—	—	3	71	41	—	—	—	—	—	—	445	—	1	L-45
—	—	3	62	14	—	—	—	—	—	—	350	—	1	L-48
5	15	3	125	55	—	—	—	—	—	—	1,150	—	1	L-51
—	—	4	75	32	—	—	—	—	—	—	795	—	1	L-53
163	—	10	132	132	—	—	—	—	—	—	1,343	—	—	L-54
235	—	3	144	51	—	—	—	—	—	—	1,180	—	—	L-55
—	—	4	93	95	—	—	—	—	—	—	1,842	—	1	L-56
—	—	3	20	4	—	—	—	—	—	—	137	—	—	L-57
—	—	3	75	40	—	—	—	—	—	—	715	—	1	L-59
—	—	4	150	150	—	—	—	—	—	—	3,065	—	1	L-60
—	156	4	90	65	—	—	—	—	—	—	940	—	1	L-61
—	145	5	115	193	—	—	—	—	—	—	1,476	—	1	L-61
—	7	3	28	5	—	—	—	—	—	—	89	—	—	L-62
34	16	5	177	140	—	—	350	—	—	—	2,370	—	1	L-63
—	—	3	44	20	—	—	—	—	—	—	330	—	—	L-64
—	—	4	60	12	—	—	—	—	—	—	250	—	1	L-65
50	15	6	95	53	—	—	—	—	—	—	640	—	1	L-65
—	—	7	70	20	—	—	—	—	—	—	600	—	1	L-66
—	78	3	43	16	—	—	—	—	—	—	391	—	1	L-66
—	—	4	70	30	—	—	—	—	—	—	600	—	1	L-67
8	—	5	134	136	—	—	1,200	—	—	—	808	—	1	L-67
55	—	5	200	220	—	—	—	—	—	—	2,820	—	2	L-68
30	—	4	229	243	—	—	224	—	—	—	3,130	—	1	L-70
100	—	6	200	80	—	—	150	—	—	—	1,700	—	1	L-72
—	—	4	125	67	—	—	—	—	—	—	2,000	—	1	L-73
10	58	5	212	32	—	—	200	—	—	—	742	—	—	L-75
—	275	3	260	25	—	—	—	—	—	—	987	—	1	L-76
—	—	7	107	125	—	—	—	—	—	—	2,591	—	1	L-77
—	25	3	60	—	250	—	—	—	—	—	306	—	—	L-79
—	50	4	99	—	600	—	—	—	—	—	800	—	1	L-80
—	—	3	110	25	—	—	—	—	—	—	400	—	1	L-81
—	—	3	50	12	—	—	—	—	—	—	200	—	—	L-82
—	37	3	27	14	—	—	—	—	—	—	167	—	1	L-82
—	—	2	148	—	1,350	—	—	—	—	—	1,350	—	1	L-84
10	—	3	200	60	—	—	—	—	—	—	1,365	—	1	L-85

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-88	Ray Coal Co., No. 2	Fairmount	1,025				1,025
L-88	* King Coal Co.	Fairmount	1,265				1,265
L-89	Square Deal Coal Co.	Danville	400				400
L-90	Black Diamond Coal Co.	Muncie	100				100
L-90	* Black Diamond Coal Co.	Muncie	200				200
L-91	Sheward Mine No. 2	Catlin	975				934
L-92	John M. Johnson, Mine No. 2	Westville	195				170
L-94	D. & B. Coal Co.	Danville	350				340
L-97	Del Valley, No. 3	Danville	150				150
L-97	* Del Valley, No. 3	Danville	315				300
L-98	Kemper Coal Co.	Catlin	259				246
L-98	* Kemper Coal Co.	Catlin	518				518
L-98	Larson & Son, No. 2	Catlin	1,653				1,643
L-100	Riggle & Short, No. 2	Georgetown	129				119
L-102	I. & W. Coal Mine	Tilton	600				600
L-103	Roberts Coal Co.	Danville	50				50
L-104	Campbell Bros. Coal Co.	Danville	150				150
L-106	Poland Coal Co.	Danville	25				25
L-107	Taylor Coal Co.	Fairmount	8,000				8,000
L-108	William Winehouse Mine	Danville	147				147
L-109	Jinkins Bros. Mine	Catlin	94				94
L-110	W. B. Coal Co.	Catlin	26				26
L-111	Sumner Bates Mine	Danville	55				35
L-112	Missionfield Coal Co.	Muncie	50				50
L-114	Anderson Donovan Coal Co.	Georgetown	313				218
L-115	Markunas & Son	Westville	79				69
L-117	Shuman Coal Co.	Danville	208				174
L-118	Dale Blue Coal Co.	Westville	22				
L-119	Collins Coal Co.	Fairmount	169				169
L-120	South Side Mine	Tilton	76				76
L-121	Jim & Jim Mine, No. 2	Catlin	147				118
	96 local mines total		390,931				271,054
	102 all mines total		2,274,403	1,003,479	706,092	2,330	386,799

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## FIFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Rellet powder pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.				
41	25	4	150	65			150			1,025			L-88
10	10	4*	75	50						1,265		1/*	L-88
		3	10	20						400		1	L-89
		3*	10	5						100			L-90
		3*	25	9						200			L-90
		4	120	100						975		1	L-91
		3	70		150					195			L-92
		3	96	16						350			L-94
		3*	30	10						150			L-97
15	13	3*	107	21			250			315		1*	L-97
		3/*	42	15						259			L-98
		6*	60	30						518		1*	L-98
10		4/*	185	103						1,653		1/*	L-98
10		3	90			50					129		L-100
		3	120	21						600		1	L-102
		3	30								50		L-103
		3	30							150		1	L-104
		2	20							25		1	L-106
		11	147	400						8,000		1	L-107
		3	30								147		L-108
		3	20										L-109
		2	10	3						94			L-110
20		2	30							26			L-111
		4	25								55		L-112
95		3	60								50		L-114
	10	4	30		175					79			L-115
7	27	2	54	7						208		1	L-117
	22	1	10		6						22		L-118
		3	36							169			L-119
		4	60							76			L-120
9	20	4	80	15						147			L-121
110,643	9,234	792	129	10,393	21,939	1,050	29,054	18	6	224,980	164,636	1,315	82
120,384	55,319	2,843	129	11,704	404,789	2,850	165,554	77	67	1,943,808	174,660	155,935	102

## FIFTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine	All coal not sold including waste.
Edgar.....	1	27,087	17,260	9,490	-----	337	-----	-----
Macon.....	1	145,289	13,541	-----	-----	127,455	3,315	978
Vermilion.....	6	1,883,472	1,003,479	706,092	2,330	115,745	9,741	46,085
Total.....	8	2,055,848	1,034,280	715,582	2,330	243,537	13,056	47,063

## LOCAL

Edgar.....	4	36,488	-----	-----	-----	32,581	3,341	566
Vermilion.....	96	390,931	-----	-----	-----	271,054	110,643	9,234
Total.....	100	427,419	-----	-----	-----	303,635	113,984	9,800

## ALL

Edgar.....	5	63,575	17,260	9,490	-----	32,918	3,341	566
Macon.....	1	145,289	13,541	-----	-----	127,455	3,315	978
Vermilion.....	102	2,274,403	1,003,479	706,092	2,330	386,799	120,384	55,319
Total.....	108	2,483,267	1,034,280	715,582	2,330	547,172	127,040	56,863

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of—		Tons mined by—			Number of animals under ground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.	Mining machines used.	Motors in use.	Machine.	Hand.	Stripping.	
32	40	-----	1,500	1,000	-----	-----	-----	-----	-----	27,087	-----
320	176	-----	-----	15,000	-----	9	3	145,289	-----	-----	26
2,051	141	1,311	382,850	1,800	136,500	59	61	1,718,828	10,024	154,620	20
2,403	133	1,311	384,350	17,800	136,500	68	64	1,864,117	10,024	181,707	46

## MINES.

59	144	500	14,825	-----	109	4	-----	32,153	4,335	-----	6
792	129	10,393	21,939	1,050	29,054	18	6	224,980	164,636	1,315	82
851	129	10,893	36,764	1,050	29,154	22	6	257,133	168,971	1,315	88

## MINES.

91	123	500	16,325	1,000	100	4	-----	32,153	4,335	27,087	6
320	176	-----	-----	15,000	-----	9	3	145,289	-----	-----	26
2,843	129	11,704	404,789	2,850	165,554	77	67	1,943,808	174,660	155,935	102
3,254	129	12,204	421,114	18,850	165,654	90	70	2,121,250	178,995	183,022	134

## SIXTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Sixth Inspection District comprising the coal producing counties of Greene, Jersey, Macoupin, Montgomery and Shelby for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

*JOE FIRTH, JR., Inspector.*

## SIXTH DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal .....	5	5	5	5	5
Number of shipping mines.....	13	13	13	11	10
Number of local mines.....	50	55	66	60	70
Number of employees underground.....	3,839	4,016	4,220	4,021	4,175
Number of employees on surface.....	649	619	562	551	581
Total number employed.....	4,488	4,635	4,782	4,572	4,756
Tons of coal produced in shipping mines.....	4,443,863	4,850,299	4,226,037	3,921,804	3,699,374
Tons of coal produced in local mines.....	27,739	44,248	46,137	48,583	49,847
Tons of coal produced, total.....	4,471,602	4,894,547	4,272,174	3,970,387	3,749,221
Days operated, shipping mines, average.....	180	241	181	162	155
Days operated, local mines, average.....	115	112	102	123	98
Number of undercutting machines.....	79	80	70	67	57
Tons undercut.....	4,444,874	4,854,399	4,230,947	3,927,863	3,704,818
Tons mined by hand.....	26,728	40,148	40,857	41,934	44,278
Tons mined in strip mines.....	-----	-----	370	590	-----
*Number of loading machines used.....	540	526	512	467	477
Tons loaded mechanically.....	4,209,325	4,649,491	3,992,156	3,653,668	3,421,799
Number of fatal accidents.....	11	6	2	5	5
Number of non-fatal accidents.....	322	377	352	326	334
Number of employees to each fatality.....	408	773	2,391	914	951
Number employed to each non-fatal accident.....	13.9	12.3	13.6	14.0	14
Tons of coal mined to each fatality.....	406,509	815,758	2,136,087	794,077	749,844
Tons mined to each non-fatal accident.....	13,887	12,983	12,137	12,179	11,225
Number of fatalities per 1,000 employed.....	2.5	1.3	.5	1.1	1.0
Number injured per 1,000 employed.....	71.8	81.3	73.6	71.3	70.2

\*Loading machine in one mine averaged account different managements same mine.

## CHANGE OF NAME.

South Mine Coal Co. to South Mine Co.  
Virden Coal Co. to Lincoln Liquidating Co., Inc.



## IDLE MINES.

Cosgrove Meehan Coal Co. No. 5, Panama, Montgomery County.  
 Indiana & Illinois Coal Corp. No. 12, Witt, Montgomery County.  
 Indiana & Illinois Coal Corp. No. 14, Witt, Montgomery County.  
 Standard Oil Co. No. 1, Carlenville, Macoupin County.  
 Standard Oil Co. No. 2, Carlenville, Macoupin County.  
 Erie Sootless Coal Co., Moweaqua, Shelby County.

## FATAL ACCIDENTS

January 5, Robert Tippins, trackman, aged 76 years, widower, killed by motor in mine No. 2 of the Superior Coal Co., leaving no dependents.

January 21, Henry Hochmuth, cleanup man, aged 57 years, single, killed by fall of slate in mine No. 7 of the Consolidated Coal Co., no dependents.

April 22, Henry Brueckner, miner, aged 41 years, married, killed by fall of coal in Reliance mine of the Nokomis Coal Co., leaving wife and three children.

April 28, Anthony Ferrero, motorman, aged 51 years, married, killed by motor in mine No. 3 of the Superior Coal Co., leaving wife.

May 12, Charles Loecher, machine man, aged 52 years, married, killed by jack when machine kicked back in mine No. 5 of the Mt. Olive Coal Co., leaving wife.

June 25, J. A. Key, top man, aged 56 years, widower, died from heat exhaustion at mine of Virden Coal Co. No dependents.

June 28, Joe Woodruff, triprider, aged 35 years, single, killed by motor in mine No. 4 of the Superior Coal Co., leaving dependent father and mother.

October 2, Emil Hubeny, mechanic, aged 36 years, married, electrocuted while welding patch on boiler at Reliance mine of Nokomis Coal Co., leaving wife and three children.

October 6, Ray Garner, loading machine operator, aged 38 years, married, killed by fall of elod in mine No. 3 of the Superior Coal Co., leaving wife and three children.

November 2, Theodore Wilde, trackman, aged 57 years, married, died from chronic myocarditis caused by infected finger resulting from injuries received November 2, 1935, leaving wife.

December 9, Rudolph Borsch, machine runner, aged 55 years, married, kill by fall of face coal in mine No. 15 of the Consolidated Coal Co., leaving wife and mother dependent.

## FATAL ACCIDENTS, SIXTH DISTRICT, 1937.

Date of injury	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Dec. 9	9	Rudolph Borsch.	55	Machine runner	Staunton.	Consolidated Coal Co.	15	1	1	1	1	2	Fall of face coal.
Apr. 22	22	Henry Brueckner.	41	Miner	Nokomis.	Nokomis Coal Co.	Reliance	3	1	1	3	4	Fall of coal.
Apr. 28	28	Anthony Ferrero.	51	Motorman	Gillespie.	Superior Coal Co.	3	1	1	1	1	1	Crushed by motor.
Oct. 6	6	Ray Garner.	38	Loading machine operator	Gillespie.	Superior Coal Co.	3	1	1	1	3	4	Fall of clod.
Jan. 21	21	Henry Hochmuth.	57	Cleanup man.	Staunton.	Consolidated Coal Co.	7	1	1	1	3	4	Fall of slate.
Oct. 2	2	Emil Hubeny.	36	Mechanic.	Nokomis.	Nokomis Coal Co.	Reliance	1	1	1	3	4	Electrocuted.
June 25	25	J. A. Key.	56	Top man.	Virden.	Virden Coal Co.	1	1	1	1	1	1	Heat exhaustion.
May 10	10	Charles Loecher.	52	Machine man	Mt. Olive.	Mt. Olive Coal Co.	6	1	1	1	1	1	Struck by jack pipe.
Jan. 2	2	Robert Tippins.	76	Trackman	Gillespie.	Superior Coal Co.	2	1	1	1	1	1	Crushed by motor.
1935													
Nov. 2	2	Theodore Wilde.	57	Trackman	Mt. Olive.	Consolidated Coal Co.	15	1	1	1	1	1	Heart disease following injury.
June 28	28	Joe Woodruff.	35	Trip rider	Gillespie.	Superior Coal Co.	4	1	1	1	1	2	Crushed by motor.



## GREENE COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Greenfield Coal Co. ....	Greenfield .....	160				160
L-2	Community Coal Co. ....	Greenfield .....	722				722
L-3	Alfred E. Benner, No. 1 ..	Roodhouse .....	197				185
L-4	Charles Houck .....	Roodhouse .....	300				300
L-5	D. W. Tate .....	Roodhouse .....	1,022				1,010
L-6	W. H. Allen .....	Roodhouse .....	1,391				1,391
L-7	James T. Adkins .....	Roodhouse .....	570				558
L-8	J. H. Little .....	Roodhouse .....	585				575
L-9	Everett Schofield .....	Roodhouse .....	635				631
L-10	Hector Harbaugh .....	Roodhouse .....	380				362
L-11	Everett Goacher .....	Roodhouse .....	190				190
L-12	Burl Wyatt .....	White Hall .....	344				330
L-14	Thomas K. Conlee .....	White Hall .....	74				72
L-15	Theo Hopper .....	Roodhouse .....	201				201
L-16	Cleat Holly .....	White Hall .....	108				91
L-21	Lloyd Elliott .....	Roodhouse .....	24				8
L-23	E. A. Elliott .....	Roodhouse .....	101				101
L-24	Harry Elliott .....	Roodhouse .....	325				300
L-26	Ralph Whitehead, No. 1 ..	White Hall .....	200				175
L-27	George Warrell, No. 1 ..	Roodhouse .....	725				720
L-29	John H. Whitehead, No. 1 ..	Roodhouse .....	223				223
L-30	Marshall & Wyatt .....	White Hall .....	98				93
L-31	W. E. Overby, No. 1 .....	Roodhouse .....	41				40
L-38	Fred M. Simmons, No. 1 ..	Roodhouse .....	218				201
L-39	Clem Bateman .....	Roodhouse .....	75				65
	25 local mines total .....	.....	8,912				8,704

## JERSEY COUNTY

LOCAL MINES.							
L-1	Yost & Kruse	Brighton	770				736
L-2	Otto F. Rothe	Jerseyville	47				45
L-3	Herman J. Geisler	Delhi	55				45
L-4	Teney Bros., No. 1	Delhi	50				45
L-5	Milton Phillips	Delhi	35				15
L-7	Fred Wagenblast	Brighton	44				40
	6 local mines total		1,001				926

## MACOUPIN COUNTY

SHIPPING MINES.							
S-1	Consolidated Coal Co., No. 7.	Staunton	346,656	143,985	138,845		14,021
S-2	Consolidated Coal Co., No. 15.	Mt. Olive	496,108	206,825	231,454		6,146
S-3	Gillespie Coal Co.	Gillespie	273,970	109,282	126,584		37,620
S-4	Mt. Olive Coal Co.	Mt. Olive	138,182	36,846	25,986	18,741	47,016
S-5	* South Mine Coal Co.	* Carlinville	3,086	1,000			1,486
S-5	* South Mine Co.	* Carlinville	10,708	741			8,719
S-6	Superior Coal Co., No. 1	Gillespie	354,389		337,815		6,010
S-7	Superior Coal Co., No. 2	Gillespie	432,831		412,037		9,851
S-8	Superior Coal Co., No. 3	Gillespie	614,987		595,455		2,303
S-9	Superior Coal Co., No. 4	Gillespie	761,786		739,806		1,887
S-10	* Virden Coal Co.	* Virden	80,279	4,025	49,047		18,931
S-10	* Lincoln Liquidating Co.	* Virden	2,283	287	1,155		375
	10 shipping mines total		3,515,265	502,991	2,658,184	18,741	154,365

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## SIXTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
.....	.....	9	40	5	.....	.....	.....	.....	.....	.....	160	.....	1	L-1
.....	.....	9	89	122	.....	.....	.....	.....	.....	.....	722	.....	1	L-2
12	.....	2	192	15	.....	.....	.....	.....	.....	.....	197	.....	.....	L-3
.....	.....	2	120	.....	24	.....	.....	.....	.....	.....	300	.....	.....	L-4
12	.....	6	156	32	.....	.....	.....	.....	.....	.....	1,022	.....	.....	L-5
.....	.....	9	225	85	.....	.....	.....	.....	.....	.....	1,391	.....	.....	L-6
12	.....	3	190	.....	.....	.....	.....	.....	.....	.....	570	.....	.....	L-7
10	.....	4	180	.....	.....	.....	.....	.....	.....	.....	585	.....	.....	L-8
4	.....	5	258	45	.....	.....	.....	.....	.....	.....	635	.....	.....	L-9
18	.....	3	150	15	.....	.....	.....	.....	.....	.....	380	.....	.....	L-10
.....	.....	1	150	9	.....	.....	.....	.....	.....	.....	190	.....	.....	L-11
4	10	2	150	.....	.....	.....	.....	.....	.....	.....	344	.....	.....	L-12
2	.....	4	39	40	.....	.....	.....	.....	.....	.....	74	.....	.....	L-14
.....	.....	2	140	35	.....	.....	.....	.....	.....	.....	201	.....	.....	L-15
2	15	5	50	.....	.....	.....	.....	.....	.....	.....	108	.....	.....	L-16
1	15	2	30	4	.....	.....	.....	.....	.....	.....	24	.....	.....	L-21
.....	.....	2	39	17	.....	.....	.....	.....	.....	.....	101	.....	.....	L-23
10	15	5	150	20	.....	.....	.....	.....	.....	.....	325	.....	.....	L-24
25	.....	2	200	.....	.....	.....	.....	.....	.....	.....	200	.....	.....	L-26
5	.....	2	225	24	.....	.....	.....	.....	.....	.....	725	.....	.....	L-27
.....	.....	2	111	12	.....	.....	.....	.....	.....	.....	223	.....	.....	L-29
5	.....	3	92	.....	.....	.....	.....	.....	.....	.....	98	.....	.....	L-30
4	.....	2	60	4	.....	.....	.....	.....	.....	.....	44	.....	.....	L-31
17	.....	2	52	17	.....	.....	.....	.....	.....	.....	218	.....	.....	L-38
.....	10	1	100	.....	.....	.....	.....	.....	.....	.....	75	.....	.....	L-39
143	65	89	127	501	24	.....	.....	.....	.....	.....	8,912	.....	2	.....

## SIXTH DISTRICT.

4	30	4	150	.....	.....	.....	.....	.....	.....	770	.....	.....	.....	L-1
2	.....	1	40	.....	.....	.....	.....	.....	.....	47	.....	.....	.....	L-2
3	7	2	75	.....	.....	.....	.....	.....	.....	55	.....	.....	.....	L-3
.....	5	2	75	.....	.....	.....	.....	.....	.....	50	.....	.....	.....	L-4
5	15	1	50	.....	.....	.....	.....	.....	.....	35	.....	.....	.....	L-5
4	.....	2	35	.....	.....	.....	.....	.....	.....	44	.....	.....	.....	L-7
18	57	12	71	.....	.....	.....	.....	.....	.....	1,001	.....	.....	.....	.....

## SIXTH DISTRICT.

5,180	44,625	261	190	.....	.....	76,000	8	14	346,656	.....	.....	.....	.....	S-1
25,669	26,014	506	133	.....	.....	28,650	13	24	496,108	.....	.....	.....	.....	S-2
484	.....	205	252	.....	.....	30,950	4	2	273,970	.....	.....	.....	15	S-3
8,294	1,299	151	182	889	.....	.....	4	3	138,182	.....	.....	.....	4	S-4
300	300	26	36	.....	50	.....	1	.....	3,086	.....	.....	4	.....	S-5
900	348	* 39	70	95	.....	.....	1	.....	10,708	.....	.....	4	.....	S-5
10,564	.....	390	169	35,700	.....	39,650	5	20	354,389	.....	.....	3	.....	S-6
10,943	.....	385	181	38,550	.....	39,550	5	16	432,831	.....	.....	2	.....	S-7
17,229	.....	396	246	94,600	.....	47,850	4	23	614,987	.....	.....	1	.....	S-8
20,093	.....	955	225	.....	.....	107,900	11	23	761,786	.....	.....	1	.....	S-9
8,116	160	125	181	886	.....	.....	4	2	80,279	.....	.....	6	.....	S-10
156	310	* 125	5	16	.....	.....	4	2	2,283	.....	.....	6	.....	S-10
107,928	73,056	3,407	187	1,922	168,650	50	59	127	3,515,265	.....	.....	.....	36	.....

## MACOUPIN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Gatschenburger & Voges.....	Bunker Hill.....	1, 011	-----	-----	-----	803
L-2	Roscoe E. Moore.....	Alton.....	3, 950	-----	-----	-----	3, 914
L-3	Hoosier Coal Co.....	Chesterfield.....	380	-----	-----	-----	290
L-4	Lake & Henry.....	Chesterfield.....	240	-----	-----	-----	200
L-5	Dams Coal Co.....	Chesterfield.....	40	-----	-----	-----	18
	5 local mines total.....		5, 621	-----	-----	-----	5, 225
	15 all mines total.....		3, 520, 886	502, 991	2, 658, 184	18, 741	159, 590

## MONTGOMERY COUNTY

<b>SHIPPING MINES.</b>							
S-1	(Hillsboro Coal Co.....	Hillsboro.....	60,304	25,878	12,474	-----	18,793
S-1	* Hillsboro Mining Co.....	Hillsboro.....	18,369	5,673	2,159	-----	6,021
S-2	Indiana & Illinois Coal Corp., No. 10.....	Nokomis.....	382,787	211,962	148,410	-----	21,940
S-3	Nokomis Coal Co.....	Nokomis.....	467,138	341,918	87,108	-----	1,076
3 shipping mines total.....			928,598	585,431	250,151	-----	47,830

## SHELBY COUNTY

<b>LOCAL MINES.</b>							
L-3	Arch Tallman, No. 1.....	Shelbyville.....	1,708	-----	-----	-----	1,676
L-5	Auld & Cruitt.....	Shelbyville.....	701	-----	-----	-----	684
L-6	Ralph Gallagher.....	Mode.....	2,200	-----	-----	-----	2,019
L-8	Arch Tallman, No. 3.....	Shelbyville.....	971	-----	-----	-----	935
L-9	Clarence Sterner.....	Mode.....	100	-----	-----	-----	90
L-10	B. F. Stretch, No. 1.....	Shelbyville.....	275	-----	-----	-----	250
L-12	Homer Donelson, No. 1.....	Shelbyville.....	817	-----	-----	-----	787
L-13	Gordon Bros.....	Beecher City.....	50	-----	-----	-----	30
L-15	Ray Kingston, Okaw, No. 2.....	Shelbyville.....	390	-----	-----	-----	370
L-16	James Cruitt Mine, No. 1.....	Shelbyville.....	571	-----	-----	-----	549
L-17	Edward Ditzler and Clyde Westenhaver.....	Shelbyville.....	73	-----	-----	-----	63
L-22	J. G. Root.....	Shelbyville.....	3,640	-----	-----	-----	3,575
L-30	B. F. Stretch, No. 2.....	Shelbyville.....	310	-----	-----	-----	300
L-32	Smith Coal Co.....	Fancher.....	399	-----	-----	-----	389
14 local mines total.....			12,205	-----	-----	-----	11,717

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## SIXTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
208	-----	12	104	22	-----	-----	-----	1	-----	1,011	-----	-----	-----	L-1
36	-----	7	180	336	-----	-----	-----	-----	-----	-----	3,950	-----	2	L-2
90	-----	9	90	42	-----	-----	-----	-----	-----	-----	380	-----	-----	L-3
10	30	5	94	16	-----	-----	-----	-----	-----	-----	240	-----	-----	L-4
7	15	3	15	8	-----	-----	-----	-----	-----	-----	40	-----	-----	5
351	45	36	97	424	-----	-----	-----	1	-----	1,011	4,610	-----	2	
108,279	73,101	3,443	157	2,346	168,650	50	370,550	60	127	3,516,276	4,610	-----	38	

## SIXTH DISTRICT.

2,409	750	226	77	11,350	-----	-----	-----	4	3	60,304	-----	-----	12	S-1
3,608	908	188	35	5,000	-----	-----	100	2	1	18,369	-----	-----	8	S-1
475	-----	410	132	114,350	-----	10,450	-----	9	24	382,787	-----	-----	-----	S-2
16,980	20,656	208	225	172,925	600	12,950	-----	7	14	467,138	-----	-----	-----	S-3
23,472	21,714	825	156	303,625	600	23,500	-----	19	40	928,598	-----	-----	10	

## SIXTH DISTRICT.

32		14	75							1,708			L-3
17		8	93							701			L-5
181		14	220							2,200			L-6
36		11	88							971			L-8
10		2	60							100			L-9
10	15	9	200							275			L-10
30		8	85							817			L-12
1	19	3	24							50			L-13
20		5	110		50					390			L-15
22		6	200							571			L-16
10		2	77							73			L-17
65		22	130							3,640			L-22
10		9	200							310			L-30
10		6	100							399			L-32
454	34	119	119		50					12,205			

## SIXTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine	All coal not sold including waste.
Macoupin.....	10	3,515,265	502,991	2,658,184	18,741	154,365	107,928	73,056
Montgomery.....	3	928,598	585,431	250,151	-----	47,830	23,472	21,714
Total.....	13	4,443,863	1,088,422	2,908,335	18,741	202,195	131,400	94,770

## LOCAL MINES

Greene.....	25	8,912	-----	-----	-----	8,704	143	65
Jersey.....	6	1,001	-----	-----	-----	926	18	57
Macoupin.....	5	5,621	-----	-----	-----	5,225	351	45
Shelby.....	14	12,205	-----	-----	-----	11,717	454	34
Total.....	50	27,739	-----	-----	-----	26,572	966	201

## ALL MINES

Greene.....	25	8,912	-----	-----	-----	8,704	143	65
Jersey.....	6	1,001	-----	-----	-----	926	18	57
Macoupin.....	15	3,520,886	502,991	2,658,184	18,741	159,590	108,279	73,101
Montgomery.....	3	928,598	585,431	250,151	-----	47,830	23,472	21,714
Shelby.....	14	12,205	-----	-----	-----	11,717	454	34
Total.....	63	4,471,602	1,088,422	2,908,335	18,741	228,767	132,366	94,971



## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of		Tons mined by—			Number of animals under round.
		Pow-der—kgs.	Pellet pow-der—pounds.	Dyna-mite—pounds.	Permis-sible—pounds.	Min-ing ma-chines used.	Mo-tors in use.	Ma-chine.	Hand.	Strip-ping	
3,407 825	187 156	1,922 -----	168,650 303,625	50 600	370,550 23,500	59 19	127 40	3,515,265 928,598	-----	-----	36 10
4,232	180	1,922	472,275	650	394,050	78	167	4,443,863	-----	-----	46

## SIXTH DISTRICT.

89 12 36 119	127 71 97 119	501 ----- 424 -----	24 -----	----- ----- ----- 50 -----	----- ----- ----- ----- -----	----- ----- 1 ----- -----	----- ----- ----- ----- -----	----- ----- 1,011 ----- -----	8,912 1,001 4,610 12,205 -----	----- ----- ----- ----- -----	2 ----- 2 ----- -----
256	115	925	24	50	-----	1	-----	1,011	26,728	-----	4

## SIXTH DISTRICT.

89 12 3,443 825 119	127 71 157 156 119	501 ----- 2,346 ----- -----	24 ----- 168,650 303,625 -----	----- ----- 50 600 50 -----	----- ----- 370,550 23,500 -----	----- ----- 60 19 -----	----- ----- 127 40 -----	----- ----- 3,516,276 928,598 -----	8,912 1,001 4,610 ----- 12,205 -----	----- ----- ----- ----- -----	2 ----- 38 10 -----
4,488	128	2,847	472,299	700	394,050	79	167	4,444,874	26,728	-----	50

## SEVENTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Seventh Inspection District comprising the coal producing counties of Bond, Crawford, Jasper, Madison, Marion and Richland for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

BENN PITTS, *Inspector.*

## SEVENTH DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal	5	5	5	6	3
Number of shipping mines	9	9	10	10	10
Number of local mines	25	34	37	36	21
Number of employees underground	2, 141	2, 288	2, 378	2, 355	2, 214
Number of employees on surface	398	418	442	421	369
Total number employed	2, 539	2, 706	2, 820	2, 776	2, 583
Tons of coal produced in shipping mines	1, 664, 691	1, 983, 234	1, 801, 301	1, 663, 887	1, 549, 275
Tons of coal produced in local mines	365, 231	369, 604	328, 147	280, 045	175, 131
Tons of coal produced, total	2, 029, 922	2, 352, 838	2, 129, 448	1, 943, 932	1, 724, 406
Days operated, shipping mines, average	134	161	132	126	135
Days operated, local mines, average	138	121	118	130	153
Number of undercutting machines	87	85	85	73	70
Tons undercut	1, 995, 659	2, 271, 074	2, 025, 932	1, 803, 171	1, 640, 526
Tons mined by hand	34, 263	81, 764	93, 251	112, 217	83, 880
Tons mined in strip mines	81	79	68	28, 544	88
Number of loading machines used	81	79	68	60	88
Tons loaded mechanically	1, 293, 486	1, 384, 060	1, 155, 354	1, 142, 519	1, 144, 014
Number of fatal accidents	5	3	7	7	1
Number of non-fatal accidents	186	234	174	195	170
Number of employees to each fatality	508	902	403	397	2, 583
Number employed to each non-fatal accident	13.6	11.6	16.2	14.2	15.2
Tons of coal mined to each fatality	405, 984	784, 279	304, 207	277, 705	1, 724, 406
Tons mined to each non-fatal accident	10, 914	10, 055	12, 238	9, 969	14, 144
Number of fatalities per 1,000 employed	1.9	1.1	2.5	2.5	0.4
Number injured per 1,000 employed	73.3	86.3	61.7	70.2	66.0

## IDLE MINES.

Henrietta Coal Co. H. T., Edwardsville, Madison County.  
Lumaghi Coal Co. No. 3, Collinsville, Madison County.  
Madison Coal Corp. No. 2, Glen Carbon, Madison County.

## FATAL ACCIDENTS.

February 16, Mike Cirar, loader, aged 50 years, married, killed by fall of slate in mine of Livingston-Mt. Olive Coal Co., leaving wife.

March 24, Frank Guenther, driver, aged 47 years, single, killed when eyelet of rope socket pulled out allowing cage to fall in mine of Hardserabble Coal Co., mother and nephew dependent.

August 22, Gustavus Noller, sand man and track cleaner, aged 75 years, married, crushed between cars in mine of Marion County Coal Co., leaving wife.

September 1, Anton Tinor, timberman, aged 56 years, killed by fall of slate in mine of Madison County Coal & Mining Co., leaving wife.

October 14, Benjamin W. Jones, cleanup man, aged 54 years, killed by fall of slate in mine of Madison County Coal & Mining Co. Widower. No dependents.

## FATAL ACCIDENTS, SEVENTH DISTRICT, 1937.

Date of injury	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Feb. 16	Feb. 16	Mike Cjar	50	Loader	Livingston	Livingston-Mt. Olive Coal Co.	1	1	1	1	1	1	1 Fall of slate.
Mar. 24	Mar. 24	Frank Guenther	47	Driver	Collinsville	Hardscrabble Coal Co.	Thermal	1	1	1	1	2	2 Fall of cage.
Oct. 14	Oct. 14	Benjamin W. Jones	54	Cleanup man	Edwardsville	Madison Co. Coal & Mining Co.	Glenridge	1	1	1	1	1	1 Fall of slate.
Aug. 19	Aug. 22	Gustavus Noller	75	Sand man	Sandoval	Marion County Coal Co.	Thermal	1	1	1	1	1	1 Crushed by cars.
Sept. 1	Sept. 1	Anton Thior	56	Timberman	Edwardsville	Madison Co. Coal & Mining Co.	Thermal	1	1	1	1	1	1 Fall of slate.



## BOND COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
S-1	Illinois-Pocahontas Coal Co. . .	Pocahontas . . .	51,757	25,052	6,578	-----	17,967

## CRAWFORD COUNTY

LOCAL MINES.							
L-1	Ray Blair	Palestine	1,436				1,263

## JASPER COUNTY

LOCAL MINES.							
L-1	Jourdan & Brown	Newton	474				474
L-2	Andrew Brown	Newton	81				81
	2 local mines total		555				555

## MADISON COUNTY

SHIPPING MINES.							
S-1	Bullock Mining Co.	Collinsville	31,039	6,435			23,874
S-2	Chicopee Coal Co.	Troy	71,558	8,774			54,784
S-3	Livingston-Mt. Olive Coal Co.	Livingston	93,032	31,286	18,126		37,585
S-4	Lumaghi Coal Co., No. 2	Collinsville	387,166	231,811	450		130,799
S-5	Madison County Coal & Mining Co.	Edwardsville	180,860	173,626			
S-6	Mt. Olive & Staunton Coal Co.	Staunton	531,737	435,743	65,752		10,612
	6 shipping mines total		1,295,392	887,675	84,328		257,654
LOCAL MINES.							
L-1	Collinsville Coal Corp.	Collinsville	85,486				81,658
L-2	Sugar Loaf Coal Corp.	Collinsville	67,578				63,023
L-3	Glen Carbon Coal Co., Inc.	Collinsville	58,443				54,050
L-4	Bunker Hill Coal & Mining Co.	Collinsville	51,239				48,799
L-5	Hardscabble Coal Co.	Collinsville	10,766				10,000
L-6	Buxton Coal Co.	Collinsville	3,717				3,597
L-7	Sunset Hill Coal Co.	Edwardsville	28,179				26,925
L-8	East Side Coal Co.	Edwardsville	13,851				12,300
L-9	Klondike Coal Co.	Worden	6,157				5,471
L-10	Truck Trade Coal Co.	Edwardsville	24,000				21,000
L-11	William H. Wilkenning	Moro	3,623				3,583
L-12	Culp Grove Coal Co.	Alton	265				214
L-13	John Henkhaus	Bethalto	501				501
L-14	Hillside Coal Co.	Bethalto	3,321				3,321
L-16	Gerdt Coal Co., No. 1	Godfrey	440				426

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## SEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
1,673	487	143	62	414	12,800	300	1,250	4	2	39,337	12,420	-----	9	S-1

## SEVENTH DISTRICT.

-----	173	5	176	-----	2,400	-----	-----	-----	-----	-----	1,436	-----	-----	L-1
-------	-----	---	-----	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-----

## SEVENTH DISTRICT.

-----	-----	5	119	-----	1,650	-----	-----	-----	-----	-----	474	-----	-----	L-1
-----	-----	5	15	-----	400	-----	-----	-----	-----	-----	81	-----	-----	L-2
-----	-----	10	67	-----	2,050	-----	-----	-----	-----	-----	555	-----	-----	-----

## SEVENTH DISTRICT.

246	484	63	98	135	4,800	25	-----	2	-----	27,934	3,105	-----	7	S-1
6,000	2,000	117	127	-----	11,700	-----	-----	4	2	71,558	-----	-----	9	S-2
4,643	1,392	253	106	701	-----	200	-----	8	9	93,032	-----	-----	-----	S-3
11,799	12,307	378	152	550	70,300	-----	-----	13	20	387,166	-----	-----	4	S-4
-----	7,234	167	228	290	79,000	550	-----	6	8	180,860	-----	-----	-----	S-5
19,630	-----	588	189	2,938	-----	-----	7,950	11	11	531,737	-----	-----	24	S-6
42,318	23,417	1,486	150	4,614	165,800	775	7,950	44	50	1,292,287	3,105	-----	44	-----
3,000	828	75	248	-----	13,550	-----	-----	4	-----	85,486	-----	-----	6	L-1
925	3,630	65	220	490	-----	-----	-----	4	1	67,578	-----	-----	4	L-2
3,855	538	47	296	631	-----	-----	-----	2	-----	58,443	-----	-----	4	L-3
990	1,450	59	217	386	-----	-----	-----	2	1	51,239	-----	-----	5	L-4
250	516	47	59	154	-----	-----	-----	2	-----	10,766	-----	-----	4	L-5
120	-----	24	26	143	-----	-----	-----	-----	-----	-----	3,717	-----	2	L-6
744	510	32	221	325	-----	-----	-----	2	-----	28,179	-----	-----	4	L-7
751	800	31	159	99	-----	-----	-----	1	-----	13,851	-----	-----	4	L-8
486	200	13	162	70	-----	-----	-----	1	-----	6,000	157	-----	-----	L-9
2,000	1,000	27	280	350	-----	-----	-----	2	2	24,000	-----	-----	-----	L-10
40	-----	7	145	40	-----	-----	-----	-----	-----	-----	3,623	-----	-----	L-11
51	-----	5	26	8	-----	-----	-----	1	-----	265	-----	-----	-----	L-12
-----	-----	5	90	40	-----	-----	-----	-----	-----	-----	501	-----	-----	L-13
-----	-----	9	199	70	-----	-----	-----	-----	-----	-----	3,321	-----	-----	L-14
14	-----	3	102	32	-----	-----	-----	-----	-----	-----	440	-----	-----	L-16

## MADISON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-19	Joseph Aulich, Sr.....	Alton.....	1,000	-----	-----	-----	750
L-22	S. M. Dale, Panama, No. 1....	Bethalto.....	1,044	-----	-----	-----	1,028
L-23	Schoeneweis Mine.....	Bethalto.....	402	-----	-----	-----	379
L-24	Sunrise Coal Mine.....	Bethalto.....	2,446	-----	-----	-----	2,446
L-29	E. H. Rink.....	Bethalto.....	75	-----	-----	-----	73
L-36	Prairietown Coal Mine, No. 1.	Staunton.....	686	-----	-----	-----	661
L-37	Kogel & Mitchell, No. 2.....	Alton.....	21	-----	-----	-----	20
	22 local mines total.....	-----	363,240	-----	-----	-----	340,225
	28 all mines total.....	-----	1,658,632	887,675	84,328	-----	597,879

## MARION COUNTY

SHIPPING MINES.							
S-1	Marion County Coal Co.....	Centralia.....	269,925	145,401	39,335	-----	57,854
S-2	Odin Coal Co.....	Odin.....	47,617	8,167	17,242	-----	18,208
	2 shipping mines total.....	-----	317,542	153,568	56,577	-----	76,062

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## SEVENTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
50	200	4	200	100	—	—	—	—	—	—	1,000	—	—	L-19
112	4	7	182	16	—	—	—	—	—	—	1,044	—	—	L-22
23	—	4	65	8	—	—	—	—	—	—	402	—	—	L-23
—	—	12	155	87	—	—	—	—	—	—	2,446	—	—	L-24
12	—	3	30	1	—	—	—	—	—	—	75	—	—	L-29
25	—	8	55	7	—	—	—	2	—	686	—	—	—	L-36
1	—	3	18	1	—	—	—	—	—	—	21	—	—	L-37
13,339	9,676	490	143	3,058	13,550	—	—	23	4	346,493	16,747	—	33	
55,657	33,093	1,976	153	7,672	179,350	775	7,950	67	54	1,638,780	19,852	—	77	

## SEVENTH DISTRICT.

12,520	14,815	250	158	—	—	—	49,200	8	5	269,925	—	—	19	S-1
4,000	—	155	82	366	—	—	—	8	2	47,617	—	—	13	S-2
16,520	14,815	405	120	366	—	—	49,200	16	7	317,542	—	—	32	

## SEVENTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Bond.....	1	51,757	25,052	6,578	-----	17,967	1,673	487
Madison.....	6	1,295,392	887,675	84,328	-----	257,654	42,318	23,417
Marion.....	2	317,542	153,568	56,577	-----	76,062	16,520	14,815
Total.....	9	1,664,691	1,066,295	147,483	-----	351,683	60,511	38,719

## LOCAL MINES

Crawford.....	1	1,436	-----	-----	-----	1,263	-----	173
Jasper.....	2	555	-----	-----	-----	555	-----	-----
Madison.....	22	363,240	-----	-----	-----	340,225	13,339	9,676
Total.....	25	365,231	-----	-----	-----	342,043	13,339	9,849

## ALL MINES

Bond.....	1	51,757	25,052	6,578	-----	17,967	1,673	487
Crawford.....	1	1,436	-----	-----	-----	1,263	-----	173
Jasper.....	2	555	-----	-----	-----	555	-----	-----
Madison.....	28	1,658,632	887,675	84,328	-----	597,879	55,667	33,093
Marion.....	2	317,542	153,568	56,577	-----	76,062	16,520	14,815
Total.....	34	2,029,922	1,066,295	147,483	-----	693,726	73,850	48,568

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of—		Tons mined by—			Number of animals under ground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.	Min-ing machines used.	Motors in use.	Machine.	Hand.	Stripping.	
143	62	414	12,800	300	1,250	4	2	39,337	12,420	-----	9
1,486	150	4,614	165,800	775	7,950	44	50	1,292,287	3,105	-----	44
405	120	366	-----	-----	49,200	16	7	317,542	-----	-----	32
2,034	134	5,394	178,600	1,075	58,400	64	59	1,649,166	15,525	-----	85

## SEVENTH DISTRICT.

5	176	-----	2,400	-----	-----	-----	-----	-----	1,436	-----	-----
10	67	-----	2,050	-----	-----	-----	-----	-----	555	-----	-----
490	143	3,058	13,550	-----	-----	23	4	346,493	16,747	-----	33
505	138	3,058	18,000	-----	-----	23	4	346,493	18,738	-----	33

## SEVENTH DISTRICT.

143	62	414	12,800	300	1,250	4	2	39,337	12,420	-----	9
5	176	-----	2,400	-----	-----	-----	-----	-----	1,436	-----	-----
10	67	-----	2,050	-----	-----	-----	-----	-----	555	-----	-----
1,976	153	7,672	179,350	775	7,950	67	54	1,638,780	19,852	-----	77
405	120	366	-----	-----	49,200	16	7	317,542	-----	-----	32
2,539	137	8,452	196,600	1,075	58,400	87	63	1,995,659	34,263	-----	118

## EIGHTH DISTRICT.

*Hon. James McSherry, Director.*  
*Department of Mines and Minerals,*  
*Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Eighth Inspection District comprising the coal producing counties of Clinton, Monroe and St. Clair for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

DAVID T. STUART, *Inspector.*

## EIGHTH DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal.....	3	3	3	3	3
Number of shipping mines.....	23	24	25	25	26
Number of local mines.....	42	44	46	47	45
Number of employees underground.....	3,094	3,381	3,148	3,188	3,017
Number of employees on surface.....	627	624	549	540	550
Total number employed.....	3,721	4,005	3,697	3,728	3,567
Tons of coal produced in shipping mines.....	2,274,181	2,583,506	2,262,668	2,328,014	2,269,978
Tons of coal produced in local mines.....	688,158	662,456	477,639	464,899	374,432
Tons of coal produced, total.....	2,962,339	3,245,962	2,740,307	2,792,913	2,644,410
Days operated, shipping mines, average.....	143	153	138	147	119
Days operated, local mines, average.....	142	144	130	146	132
Number of undercutting machines.....	57	70	67	66	63
Tons undercut.....	1,347,201	1,402,407	1,197,285	1,392,014	1,363,828
Tons mined by hand.....	1,161,155	1,421,215	1,417,212	1,337,769	1,190,468
Tons mined in strip mines.....	453,983	422,340	125,810	63,130	90,114
Number of loading machines used.....	51	52	53	49	54
Tons loaded mechanically.....	1,191,350	1,118,868	769,879	740,470	804,215
Number of fatal accidents.....	8	5	5	4	3
Number of non-fatal accidents.....	139	164	158	166	125
Number of employees to each fatality.....	465	801	739	932	1,189
Number employed to each non-fatal accident.....	26.8	24.4	23.4	22.5	28.5
Tons of coal mined to each fatality.....	370,292	649,192	548,061	698,228	881,470
Tons mined to each non-fatal accident.....	21,312	19,793	17,344	16,825	21,155
Number of fatalities per 1,000 employed.....	2.2	1.3	1.3	1.1	0.8
Number injured per 1,000 employed.....	37.4	41.0	42.7	44.5	35.0

## IDLE MINES.

Alcoa Ore Co., Belleville, St. Clair County.  
 Perry Coal Co., Taylor, O'Fallon, St. Clair County.  
 Southern Coal, Coke & Mining Co., No., Belleville, St. Clair  
 County.  
 Rentschler Coal & Mining Co., Belleville, St. Clair County.

## CHANGED TO LOCAL MINES.

Guest Coal Co., Belleville, St. Clair County.

## FATAL ACCIDENTS.

March 4, Arthur Kennedy, miner, aged 52 years, married, killed by fall of slate in mine No. 9 of the Southern Coal, Coke & Mining Co., leaving wife.

March 22, George Cadmus, mine manager, aged 62 years, married, crushed by cage in mine of Summit Coal Co., leaving wife.

May 14, Paul Nold, driver, aged 37 years, married, death resulted from infection caused by injuries to little finger of left hand in Oak Hill mine of the Guest Coal Co., leaving wife and two children.

October 12, Sam Hiles, miner, aged 66 years, married, killed by fall of slate in the St. Ellen mine of the Perry Coal Co., leaving wife.

December 13, William Brinkman, Sr., miner, aged 68 years, married, killed by gas explosion in mine of Beckemeyer Coal Co., leaving wife.

December 13, Ferdinand Beckemeyer, driller, aged 54 years, married, killed by gas explosion in mine of Beckemeyer Coal Co., leaving wife and one child.

December 25, William Miller, driver, aged 72 years, killed when car tipped, spilling coal from the top which fell on him injuring him through body and hips. Wife and one child.

December 28, August C. Andreas, miner, aged 78 years, married, killed by fall of slate in mine of Fullerton Coal Co., leaving wife.

## FATAL ACCIDENTS, EIGHTH DISTRICT, 1937.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number of letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Dec. 28	Dec. 28	August C. Andreas	78	Miner	Belleville	Fullerton Coal Co.	-----	1	1	1	1	1	1 Fall of rock.
Dec. 11	Dec. 13	Fordinand Beckemeyer	54	Driller	Beckemeyer	Beckemeyer Coal Co.	-----	1	1	1	1	2	2 Gas explosion.
Dec. 11	Dec. 11	William Brinkman, Sr.	68	Miner	Beckemeyer	Beckemeyer Coal Co.	-----	1	1	1	1	1	1 Gas explosion.
Mar. 22	Mar. 22	George Cadmus	62	Mine Manager	Belleville	Summit Coal Co.	-----	1	1	1	1	1	1 Crushed by cage.
Oct. 8	Oct. 12	Sam Hiles	66	Miner	O'Fallon	Perry Coal Co.	-----	1	1	1	1	1	1 Fall of slate.
Mar. 4	Mar. 4	Arthur Kennedy	52	Miner	New Baden	Southern C. C. & M. Co.	-----	1	1	1	1	1	1 Fall of slate.
Dec. 10	Dec. 25	William Miller	72	Driver	Belleville	Patterson & Harding Coal Co.	-----	1	1	1	1	2	2 Coal rolled off car.
Mar. 17	May 14	Paul Nold	37	Driver	Belleville	Guest Coal Co.	-----	1	1	1	2	3	3 Systemic infection.

## NON-FATAL ACCIDENTS, EIGHTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost. Total.      Average.	Number injured.	Days lost. Total.      Average.	Month.	Number injured.
Beckemeyer Coal Co.....	15	5	471	47	6	77	4	394	99	20
Citizens Coal Co.....	8	2	212	35	5	77	1	135	135	18
Freeburg Coal Co.....	1	1	9	9	1	9				20
Gill Coal Corp.....	1		47	47				47	47	8
Golden Rule Coal Co.....	17	1	13	13	1	13				7
Gundlach Coal Co.....	1	3	589	42	6	132	4	457	59	4
Lenzburg Coal Co.....	5	1	175	44				175	44	7
Marissa Coal Co.....	2	1	20	20	1	20				3
Mascontah Coal & Mining Co.....	1	1	252	252				252	252	10
Mulberry Hill Coal Co.....	1		168	168			1	168	168	8
New National Coal & Mining Co.....	1	1	12	12	1	12				16
Perry Coal Co., Carbon.....	3	3	64	21	2	33		31	31	19
Perry Coal Co., St. Ellen.....	11	2	253	28	8	115	1	138	138	
Prairie Coal Co.....	9	1	147	18	7	117	1	30	30	
St. Louis & O'Fallon Coal Co. No. 2.....	6	1	181	36	2	48	3	133	44	
Service Coal Co.....	4		54	14	3	24	1	30	30	
Southern Coal, Coke & Mining Co., No. 6.....	2		244	61	1	17	3	227	76	
Southern Coal, Coke & Mining Co., No. 7.....	2		56	28	1	21	1	35	35	
Southern Coal, Coke & Mining Co., No. 9.....	8	2	316	53	3	42	3	274	91	
United Electric Coal Cos., No. 13.....	5	1	74	19	3	37	1	37	37	
Vinegar Hill Coal Co.....	3		198	66	1	14	2	184	92	
White Coal Co.....	6	1	79	16	5	79				
Shipping mines.....	114	20	3,634	39	57	887	37	2,747	74	
Local mines.....	25	1	652	27	16	266	8	386	48	
Total.....	139	21	4,286	36	73	1,153	45	3,133	70	139

## CLINTON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
S-1	Beckemeyer Coal Co. ....	Beckemeyer....	93, 504	18, 515	-----	-----	68, 388
S-2	Citizens Coal Co. ....	Breese .....	89, 215	23, 541	-----	-----	62, 266
S-4	Southern Coal, Coke & Mining Co., No. 9 .....	New Baden....	81, 694	49, 944	299	-----	24, 425
	3 shipping mines total .....	-----	264, 413	92, 000	299	-----	155, 079

## MONROE COUNTY

LOCAL MINES.							
L-1	William Puckett Mine, No. 1..	Columbia.....	300	-----	-----	-----	290

## ST. CLAIR COUNTY

SHIPPING MINES.							
S-1	Freeburg Coal Co. ....	Freeburg.....	31, 056	4, 387	-----	-----	26, 669
S-2	Gill Coal Corp. ....	Marissa .....	23, 753	21, 421	-----	-----	2, 032
S-3	Golden Rule Coal Co. ....	Lenzburg .....	61, 056	44, 148	13, 896	-----	1, 572
S-4	Groom Coal Co. ....	Belleville .....	65, 665	14, 743	-----	16, 497	32, 625
S-5	Gundlach Coal Co. ....	E. St. Louis....	182, 002	97, 387	44, 831	-----	39, 689
S-6	Lenzburg Coal Co. ....	Lenzburg .....	49, 533	42, 281	6, 413	-----	629
S-7	Mulberry Hill Coal Co. ....	Freeburg .....	43, 401	16, 456	3, 306	-----	20, 289
S-8	Marissa Coal Co. ....	Marissa .....	13, 257	9, 890	2, 168	-----	319
S-9	Perry Coal Co., Carbon .....	O'Fallon .....	34, 787	2, 885	19, 516	-----	11, 888
S-10	Perry Coal Co., St. Ellen .....	O'Fallon .....	379, 369	138, 109	22, 510	-----	214, 255
S-11	Prairie Coal Co. ....	Belleville .....	128, 908	46, 630	-----	-----	78, 499
S-13	St. Louis & O'Fallon Coal Co., No. 2 .....	E. St. Louis....	276, 974	127, 156	133, 452	1, 288	2, 588
S-14	Service Coal Co. ....	Belleville .....	39, 430	1, 231	-----	-----	36, 238
S-16	Southern Coal, Coke & Mining Co., No. 6 .....	Belleville .....	58, 597	16, 669	83	-----	40, 016
S-17	Southern Coal, Coke & Mining Co., No. 7 .....	Belleville .....	186, 603	83, 706	105	-----	90, 740
S-18	United Electric Coal Cos., No. 13 .....	Freeburg .....	235, 715	37, 122	44, 803	-----	125, 504
S-19	Vinegar Hill Coal Co. ....	Lenzburg .....	77, 654	58, 515	13, 607	-----	1, 926
S-20	White Coal Co. ....	Belleville .....	56, 189	3, 750	-----	-----	51, 674
S-21	Mascoutah Coal Mining Co. ....	Mascoutah .....	27, 693	8, 696	-----	-----	18, 607
S-25	New National Coal & Mining Co. ....	Belleville .....	38, 126	1, 850	-----	-----	36, 228
	20 shipping mines total .....	-----	2, 009, 768	777, 032	304, 690	17, 785	831, 987
LOCAL MINES.							
L-1	F. C. Morgan Co., No. 2 .....	Millstadt .....	82, 734	-----	-----	-----	82, 734
L-2	F. C. Morgan Co., No. 1 .....	Millstadt .....	55, 755	-----	-----	-----	55, 755
L-3	Pep Coal Co. ....	New Athens .....	36, 569	-----	-----	-----	34, 879
L-4	C. R. Luster & Son .....	Millstadt .....	33, 895	-----	-----	-----	27, 883
L-5	F. C. Morgan Co., No. 3 .....	Millstadt .....	44, 828	-----	-----	-----	44, 828
L-6	G. E. Coal Co. ....	Belleville .....	25, 480	-----	-----	-----	20, 205

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## EIGHTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
4,380	2,221	118	184	-----	-----	-----	11,950	4	2	93,504	-----	-----	6	S-1
3,200	208	124	180	1,120	-----	200	-----	4	4	89,215	-----	-----	9	S-2
5,368	1,658	245	83	1,030	-----	-----	-----	10	11	81,694	-----	-----	-----	S-4
12,948	4,087	487	149	2,150	-----	200	11,950	18	17	264,413	-----	-----	15	-----

## EIGHTH DISTRICT.

10	-----	3	90	-----	450	-----	-----	-----	-----	-----	300	-----	1	L-1
----	-------	---	----	-------	-----	-------	-------	-------	-------	-------	-----	-------	---	-----

## EIGHTH DISTRICT.

			59	149	991				1		31,056		4	S-1
300			82	60	918		50		1		23,753		5	S-2
1,100	340		51	152	1,750		150		2		61,056		3	S-3
1,800			95	129		42,500			2		65,665		6	S-4
	95		130	186		81,500	200		8		182,002		14	S-5
210			53	139		50,000			4				4	S-6
1,950	1,400		76	98	1,108	2,250			2		49,533		7	S-7
880			78	62	450				1		28,740		4	S-8
498			95	70	1,995				2		13,257		9	S-9
4,495			351	227			13,923	7	18		34,787		3	S-10
	3,779		205	138	1,344	83,800			3		379,369		10	S-11
											128,908			
10,163	2,327		372	230		118,000	200		5	7	276,974		2	S-13
1,173	788		73	167	1,669				2			39,430	3	S-14
140	1,689		101	127	2,502				2		58,597		4	S-16
8,212	3,840		141	228	6,080	66,150	350		2		186,603		24	S-17
1,271	27,015		65	138		26,550	19,900					235,715		S-18
2,195	1,411		75	140	3,764				1		77,654		4	S-19
765			86	204	2,350			3	2		56,189		4	S-20
390			61	98	1,289				1		27,693		3	S-21
48			60	102		7,625	100		2	1	38,126		4	S-25
35,590	42,684	2,309		142	26,210	479,125	20,950	13,923	29	55	1,012,986	761,067	235,715	117
			20	200		7,135						82,734		L-1
			16	195		4,785						55,755		L-2
690	1,000		38	134	2,033						36,569		3	L-3
12	6,000		9	204		6,400						33,895		L-4
			12	120		3,830						44,828		L-5
1,275	4,000		55	183	1,700				1		25,480		3	L-6

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-7	Schubert Coal Co.....	Mascoutah.....	30,800	-----	-----	-----	30,750
L-8	Guest Coal Co.....	Belleville.....	30,602	-----	-----	-----	25,882
L-9	/East Bell Coal Co.....	Belleville.....	10,311	-----	-----	-----	10,261
L-9	*White Rose Coal Co.....	Belleville.....	14,572	-----	-----	-----	13,000
L-10	Bell Heat Coal Co.....	Belleville.....	14,749	-----	-----	-----	14,549
L-11	Wildwood Coal Co.....	Freeburg.....	24,550	-----	-----	-----	24,000
L-12	Crown Coal Co.....	Freeburg.....	19,468	-----	-----	-----	18,968
L-13	Tower Grove Coal Co.....	Belleville.....	20,996	-----	-----	-----	18,896
L-14	Patterson-Harding Coal Co.....	Belleville.....	14,888	-----	-----	-----	12,888
L-15	West Side Coal Co.....	Marissa.....	31,109	-----	-----	-----	30,879
L-16	New St. Clair Coal Co.....	Caseyville.....	18,997	-----	-----	-----	17,532
L-17	Edgemont Coal Co.....	Belleville.....	14,169	-----	-----	-----	14,070
L-18	Midway Coal Co.....	Freeburg.....	19,883	-----	-----	-----	19,493
L-19	Eldnar Coal Co.....	Belleville.....	8,347	-----	8,047	-----	8,047
L-20	Travis Coal Co.....	Belleville.....	9,996	-----	-----	-----	9,424
L-22	Fullerton Coal Co.....	Belleville.....	15,209	-----	-----	-----	14,300
L-23	East Side Coal Co.....	Freeburg.....	7,749	-----	-----	-----	7,549
L-24	Hill Coal Co.....	Freeburg.....	12,710	-----	-----	-----	12,200
L-25	Orchard Mine.....	Freeburg.....	360	-----	-----	-----	348
L-26	New Athens Coal Mining Co.....	New Athens.....	4,304	-----	-----	-----	4,204
L-27	Summit Coal & Mining Co.....	Belleville.....	18,768	-----	-----	-----	16,498
L-28	A. B. & H. Coal Co., Mine No. 1.....	Caseyville.....	4,848	-----	-----	-----	4,833
L-29	Reinheimer Slope Mine.....	Freeburg.....	4,100	-----	-----	-----	3,727
L-31	Progressive Coal Mining Co.....	Belleville.....	4,583	-----	-----	-----	4,093
L-32	Edmund Lill.....	Belleville.....	4,080	-----	-----	-----	3,513
L-33	Ace High Coal Co.....	Freeburg.....	4,000	-----	-----	-----	4,000
L-34	White Ash Coal Co.....	Caseyville.....	970	-----	-----	-----	850
L-35	Woodland Coal Co.....	Caseyville.....	2,864	-----	-----	-----	2,804
L-36	Quality Coal & Mining Co.....	Belleville.....	29,978	-----	-----	-----	29,918
L-37	Turkey Hill Coal Co.....	Belleville.....	5,215	-----	-----	-----	4,715
L-38	Mayer Coal Co.....	Belleville.....	1,758	-----	-----	-----	1,658
L-39	K. E. Guthertz.....	Millstadt.....	390	-----	-----	-----	390
L-40	Wilbert Grossman.....	Freeburg.....	1,056	-----	-----	-----	1,029
L-41	Sugar Creek Coal Co.....	Freeburg.....	1,200	-----	-----	-----	1,200
L-42	Fred Ziska.....	E. St. Louis.....	138	-----	-----	-----	138
L-43	E. Sporleder.....	Belleville.....	880	-----	-----	-----	860
41 local mines total.....			687,858	-----	-----	-----	653,750
61 all mines total.....			2,697,626	777,032	304,690	17,785	1,485,737

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## EIGHTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
50	40	256	1,270	---	---	---	---	1	---	30,800	---	---	3	L-7
1,160	3,560	64	130	231	---	---	---	3	1	30,602	---	---	4	L-8
50	40	63	300	---	---	---	---	1	---	10,311	---	---	---	L-9
---	1,572	92	335	7,650	---	---	---	---	---	14,372	---	---	6	L-10
200	34	164	150	---	---	---	---	2	1	11,749	---	---	---	L-10
---	550	27	138	810	---	---	---	---	---	21,530	---	---	3	L-11
500	24	180	825	---	---	---	---	---	---	19,498	---	---	3	L-12
1,100	1,000	31	160	893	400	---	---	---	---	20,996	---	---	3	L-13
---	2,000	28	187	15,000	---	---	---	1	---	14,888	---	---	3	L-14
230	38	143	31,000	---	---	---	---	---	---	31,109	---	---	3	L-15
1,065	400	40	162	200	---	---	---	2	---	18,997	---	---	3	L-16
90	9	30	117	808	---	---	---	1	---	14,169	---	---	3	L-17
390	17	228	600	1,275	---	---	---	---	---	19,883	---	---	2	L-18
300	30	36	275	---	---	---	---	---	---	8,347	---	---	2	L-19
572	13	222	315	---	---	---	---	---	---	9,996	---	---	2	L-20
300	609	24	132	563	---	---	---	---	---	15,209	---	---	2	L-22
200	10	161	350	---	---	---	---	---	---	7,749	---	---	2	L-23
50	460	12	160	8,600	---	---	---	---	---	12,710	---	---	2	L-24
12	10	12	15	---	---	---	---	---	---	360	---	---	1	L-25
100	11	70	172	---	---	---	---	---	---	4,304	---	---	1	L-26
1,000	1,270	32	162	899	---	---	---	---	---	18,768	---	---	3	L-27
---	15	10	127	276	150	---	---	1	---	1,384	3,464	---	---	L-28
50	323	9	99	208	---	---	---	---	---	4,100	---	---	1	L-29
240	250	16	77	---	3,800	---	---	---	---	4,583	---	---	2	L-31
417	150	11	128	---	3,400	---	---	---	---	4,080	---	---	1	L-32
---	6	130	100	---	---	---	---	1	---	3,500	500	---	1	L-33
100	20	22	18	30	---	---	---	1	---	570	400	---	3	L-34
60	4	178	157	---	---	---	---	---	---	2,864	---	---	1	L-35
60	68	127	907	1,350	---	---	---	1	---	29,978	---	---	5	L-36
500	7	118	5,400	---	---	---	---	---	---	5,215	---	---	1	L-37
---	100	4	120	2,500	---	---	---	---	---	1,758	---	---	---	L-38
---	4	25	---	---	---	---	---	---	---	390	---	---	1	L-39
---	7	2	250	---	---	---	---	---	---	---	1,056	---	---	L-40
---	5	60	48	---	---	---	---	---	---	1,200	---	---	1	L-41
---	1	125	40	---	---	---	---	---	---	138	---	---	1	L-42
---	20	3	132	44	---	---	---	---	---	880	---	---	---	L-43
10,780	23,328	922	140	14,554	102,675	---	---	10	8	66,802	399,788	218,268	80	---
46,370	66,012	3,231	140	40,764	581,800	20,950	13,923	39	63	1,082,788	1,160,855	453,983	197	---

## EIGHTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Clinton.....	3	264,413	92,000	299	-----	155,079	12,948	4,087
St. Clair.....	20	2,009,768	777,032	304,690	17,785	831,987	35,590	42,684
Total.....	23	2,274,181	869,032	304,989	17,785	987,066	48,538	46,771

## LOCAL MINES

Monroe.....	1	300	-----	-----	-----	290	10	-----
St. Clair.....	41	687,858	-----	-----	-----	653,750	10,780	23,328
Total.....	42	688,158	-----	-----	-----	654,040	10,790	23,328

## ALL MINES

Clinton.....	3	264,413	92,000	299	-----	155,079	12,948	4,087
Monroe.....	1	300	-----	-----	-----	290	10	-----
St. Clair.....	61	2,697,626	777,032	304,690	17,785	1,485,737	46,370	66,012
Total.....	65	2,962,339	869,032	304,989	17,785	1,641,106	59,328	70,099

## RECAPITULATION BY COUNTIES.

Total em- ployees.	Days oper- ated.	Explosives used for blasting coal.				Number of—		Tons mined by—			Num- ber of animals under ground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.	Min- ing ma- chines used.	Mo- tors in use.	Ma- chine.	Hand.	Strip- ping.	
487	149	2, 150	-----	200	11, 950	18	17	264, 413	-----	-----	15
2, 309	142	26, 210	479, 125	20, 950	13, 923	29	55	1, 012, 986	761, 067	235, 715	117
2, 796	143	28, 360	479, 125	21, 150	25, 873	47	72	1, 277, 399	761, 067	235, 715	132

## EIGHTH DISTRICT.

3	90	-----	450	-----	-----	-----	-----	-----	300	-----	1
922	140	14, 554	102, 675	-----	-----	10	8	69, 802	399, 788	218, 268	80
925	142	14, 554	103, 125	-----	-----	10	8	69, 802	400, 088	218, 268	81

## EIGHTH DISTRICT.

487	149	2, 150	-----	200	11, 950	18	17	264, 413	-----	-----	15
3	90	-----	450	-----	-----	-----	-----	-----	300	-----	1
3, 231	140	40, 764	581, 800	20, 950	13, 923	39	63	1, 082, 788	1, 160, 855	453, 983	197
3, 721	140	42, 914	582, 250	21, 150	25, 873	57	80	1, 347, 201	1, 161, 155	453, 983	213

## NINTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Ninth Inspection District comprising the coal producing counties of Jackson, Perry, Randolph and Washington for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,

LEONARD FORESTER, *Inspector.*

## NINTH DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal.....	4	4	4	4	4
Number of shipping mines.....	26	26	35	31	27
Number of local mines.....	42	62	49	53	56
Number of employees underground.....	2,559	2,648	3,012	2,813	2,777
Number of employees on surface.....	1,573	1,652	1,665	1,469	1,395
Total number employed.....	4,132	4,300	4,677	4,282	4,172
Tons of coal produced in shipping mines.....	7,094,631	6,044,840	5,473,191	5,249,945	4,373,839
Tons of coal produced in local mines.....	224,648	181,588	141,541	112,806	124,247
Tons of coal produced, total.....	7,319,279	6,226,428	5,614,732	5,362,751	4,498,086
Days operated, shipping mines, average.....	151	132	111	124	106
Days operated, local mines, average.....	161	110	147	117	129
Number of undercutting machines.....	101	112	121	114	110
Tons undercut.....	2,817,986	2,716,367	2,169,659	2,194,893	1,561,838
Tons mined by hand.....	273,934	317,369	315,018	205,250	162,703
Tons mined in strip mines.....	4,227,359	3,192,692	3,130,055	2,962,608	2,773,545
Number of loading machines used.....	65	79	64	52	57
Tons loaded mechanically.....	2,068,859	553,298	1,082,133	1,216,757	919,347
Number of fatal accidents.....	5	19	5	4	8
Number of non-fatal accidents.....	251	204	234	173	162
Number of employees to each fatality.....	826	226	935	1,071	521
Number employed to each non-fatal accident.....	16.5	21.1	19.9	24.8	25.7
Tons of coal mined to each fatality.....	1,463,856	327,707	1,122,946	1,340,688	562,261
Tons mined to each non-fatal accident.....	29,160	30,522	23,994	30,999	27,766
Number of fatalities per 1,000 employed.....	1.2	4.4	1.1	0.9	1.9
Number injured per 1,000 employed.....	60.7	47.4	50.0	40.4	38.8

## CHANGE OF NAME.

Briar Hill Coal Co. No. 45 to Pinckneyville Mining Co. No. 5,  
Pinckneyville, Perry County.

Muddy River Coal Co., to K. & E. Coal Co., Tamaroa, Perry  
County.

Biby Coal Co., to Bird & Tanner, Pinckneyville, Perry County.

Crerar-Clinch Coal Co. No. 14 to Peabody Coal Co. No. 14, Du-Quoin, Perry County.

Jones Bros. Coal & Mining Co. to Oregon Coal Co., Marissa, Randolph County.

#### FATAL ACCIDENTS.

May 16, William Kivel, driller, aged 56 years, married, died from pulmonary thrombosis caused by injuries received May 5th in the Florida mine of the St. Louis Coal Co., leaving wife.

August 29, James Stanhouse, miner, aged 57 years, married, killed by falling screen at the West Park mine of the Hot Shot Coal Co., leaving wife and one child.

October 5, Neb Willmore, loading machine operator, aged 54 years, married, crushed between machine and rib at the Kathleen mine of the Union Colliery Co., leaving wife and two children.

November 8, Joseph Wolfe, timberman, aged 49 years, married, killed by fall of slate in the Kathleen mine of the Union Colliery Co., leaving wife and three children.

December 29, Roy Stonecipher, loading machine helper, aged 41 years, married, killed by fall of slate in mine No. 5 of the Centralia Coal Co., leaving wife.

## FATAL ACCIDENTS, NINTH DISTRICT, 1937.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
May 5	May 16	William Kivel	56	Driller	Coulterville	St. Louis Coal Co.	Florida	1	1	1	1	1	1 Fall of slate.
Aug. 18	Aug. 23	James Stanhouse	57	Miner	DuQuoin	Hot Shot Coal Co.	West Pk	1	1	1	1	2	Falling screen.
Dec. 23	Dec. 29	Roy Stonecipher	41	Loading machine helper	Centraia	Centraia Coal Co.	5	1	1	1	1	1	Fall of slate.
Oct. 5	Oct. 5	Neb Willmore	54	Loading machine operator	Elkville	Union Colliery Co.	Kathleen	1	1	1	2	3	Crushed by cars.
Nov. 8	Nov. 8	Joseph Wolfe	49	Timberman	Dowell	Union Colliery Co.	Kathleen	1	1	1	3	4	Fall of slate.



## NON-FATAL ACCIDENTS, NINTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	Number injured.
			Total.	Average.	Number injured.	Days lost. Total.      Average.	Number injured.	Days lost. Total.      Average.		
Bailey Bros. Coal Co.	3		30	10	3	30			January	32
Beaucoup Coal Co.	2		37	19	2	37			February	26
Bois Coal Co.	1		15	15	1	15			March	29
Centralia Coal Co., No. 5	6		151	25	5	60			April	14
Clarkson Coal & Mining Co.	3		79	26	2	35		91	44	6
Conant Coal Co.	2		39	20	2	39			June	14
Coulterville Coal Co.	3	1	53	27	2	53			July	18
Greer-Clinch Coal Co., No. 14	13		753	58	5	73		680	85	17
Curier Coal Co.	2		139	20	6	107			August	17
El-Mo Coal Co.	10	3	40	10	1	10		32	32	14
Modiat Coal Co.	22	4	769	43	11	211		30	30	22
New Galum Coal Corp.	4	1	104	45	1	7		558	80	31
Oregon Coal Co., No. 2	1		15	15	1	15		97	49	28
Perfection Coal Co., No. 14	24	8	341	21	14	217				
Perfection Coal Co.	3		65	22	3	35		124	62	
Pineknayville Mining Co., No. 5	9	2	238	34	2	51		30	30	
Pyramid Coal Corp.	28	5	708	33	13	165		187	47	
St. Louis Coal Co.	34	3	683	22	25	377		603	60	
Southwestern Illinois Coal Corp.	5		97	19	4	57		306	51	
Truax-Traer Coal Co., No. 2	10	2	256	32	4	20		40	40	
Union Colliery Co.	32	3	805	30	19	214		178	45	
United Electric Coal Co., No. 11	10		344	34	7	112		651	65	
Whelp-Poor-Will Coal & Mining Co.	9	1	166	21	7	133		232	77	
Shipping mines	236	33	6,047	30	140	2,131		33	33	
Local Mines	15	2	394	30	8	111		3,916	62	
Total	251	35	6,441	30	148	2,242		283	57	251

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Truax-Traer Coal Co., No. 2	Elkville.....	565, 222	355, 168	202, 750	-----	1, 323
S-2	Union Colliery Co.	Dowell.....	1, 033, 856	850, 025	155, 234	-----	1, 892
2 shipping mines total.....			1, 599, 078	1, 205, 193	357, 984	-----	3, 215
LOCAL MINES.							
L-1	Templeton Coal Co.....	Murphysboro..	14, 676				14, 000
L-2	Blair Mine No. 3.....	Murphysboro..	5, 083				5, 000
L-3	Carbondale Coal Co.....	Carbondale.....	1, 800				1, 800
L-5	Arleigh Wilkins.....	Carbondale.....	2, 000				1, 950
L-6	Thos. G. Phillips.....	Carbondale.....	5, 567				4, 954
L-7	M. E. Coal Mine.....	DeSoto.....	4, 965				4, 798
L-8	Jackson County Brick Co.	Campbell Hill..	3, 335				
L-10	Swofford Coal Co., No. 1	Carbondale.....	475				410
L-11	Jackson County Coal Co.	Carbondale.....	1, 148				948
L-12	* (K. W. S. Coal Mine.....	Willisville.....	1, 070				1, 070
L-12	Logan Coal Co.....	Ava.....	952				952
L-13	E. H. Birkner, No. 1.....	Oraville.....	5, 692				4, 967
L-15	Swofford Coal Co., No. 2	Carbondale.....	2, 177				1, 896
L-16	Morgan Mine.....	Ava.....	789				775
L-17	Replogle & Son.....	Murphysboro..	3, 040				3, 015
L-18	Campbell Hill Coal Co.	Campbell Hill..	909				817
L-20	Monroe Coal Co.....	Elkville.....	767				767
L-21	Wills Mine.....	Murphysboro..	59, 372				59, 352
L-22	O. R. Moss.....	Vergennes.....	320				280
L-23	Black Cat Coal Co.....	Cartersville..	228				200
L-24	Craig Coal Co.....	DeSoto.....	1, 600				1, 500
L-28	Patrick & McCormick.....	Elkville.....	3, 361				3, 000
L-29	Elkville Coal Co.....	Elkville.....	1, 690				1, 274
21 local mines total.....			121, 016				113, 725
23 all mines total.....			1, 720, 094	1, 205, 193	357, 984		116, 940

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
596 810	5,385 25,895	145 613	152 209	----- -----	17,000 -----	----- 5,950	36,550 172,750	----- 20	----- 30	----- 1,033,856	----- -----	565,222 -----	----- 1	S-1 S-2
1,406	31,280	758	181	-----	17,000	5,950	209,300	20	30	1,033,856	-----	565,222	1	
100 83	576 -----	20 7	146 281	245 100	----- -----	----- 500	----- -----	2 1	----- -----	14,676 5,083	----- -----	----- -----	2 1	L-1 L-2
25	25	10	70	-----	500	-----	-----	1	-----	1,800	-----	-----	1	L-3
-----	613	13	75	-----	750	-----	-----	1	-----	2,000	-----	-----	1	L-5
167	-----	6	273	270	-----	-----	-----	-----	-----	-----	5,567	-----	1	L-6
3,335	-----	11	105	-----	5,300	-----	-----	-----	-----	-----	4,965	-----	1	L-7
-----	-----	10	216	-----	2,250	-----	-----	1	-----	3,335	-----	-----	1	L-8
200	65	5	102	27	-----	-----	-----	-----	-----	-----	475	-----	1	L-10
-----	-----	3	153	-----	2,400	-----	-----	-----	-----	-----	1,148	-----	1	L-11
-----	-----	3	179	32	-----	-----	-----	-----	-----	-----	1,070	-----	1	L-12
25	700	6	40	42	-----	-----	-----	-----	-----	-----	952	-----	1	L-12
-----	281	7	198	375	-----	-----	-----	-----	-----	-----	5,692	-----	1	L-13
14	-----	6	157	154	-----	-----	-----	-----	-----	-----	2,177	-----	1	L-15
25	-----	6	122	92	-----	-----	-----	-----	-----	-----	789	-----	1	L-16
92	-----	8	190	137	-----	-----	-----	-----	-----	-----	3,040	-----	1	L-17
-----	-----	4	109	42	-----	-----	-----	-----	-----	-----	909	-----	1	L-18
20	-----	4	65	-----	700	-----	-----	-----	-----	-----	767	-----	1	L-20
15	25	20	295	-----	2,500	-----	-----	-----	-----	-----	-----	59,372	1	L-21
3	25	2	120	11	250	-----	-----	-----	-----	-----	320	-----	1	L-22
50	50	4	60	7	-----	-----	-----	-----	-----	-----	228	-----	1	L-23
261	100	4	185	200	-----	-----	-----	-----	-----	-----	1,600	-----	1	L-24
416	-----	4	170	107	-----	-----	-----	-----	-----	-----	3,361	-----	1	L-28
-----	-----	6	185	84	-----	-----	-----	-----	-----	-----	1,690	-----	1	L-29
4,831	2,460	158	166	1,923	14,650	-----	-----	6	-----	26,894	34,750	59,372	19	
6,237	33,740	916	168	1,923	31,650	5,950	209,300	26	30	1,060,750	34,750	624,594	20	

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-1	Bailey Bros. Coal Co. ....	DuQuoin	2,686	400			3,046
S-2	Beaucoup Coal Co. ....	Pinckneyville	21,013	15,385	3,226		2,402
S-3	* Bibb Coal Co. ....	Pinckneyville	2,172	725			1,447
S-3	Bird & Tanner .....	Pinckneyville	291	100			127
S-4	Pinckneyville Mining Co., No. 5. ....	Pinckneyville	47,820	29,524	10,465		2,400
S-5	Conant Coal Co. ....	Conant	13,175	4,495	7,667		445
S-6	* Crerar-Clinch Coal Co., No. 14 .....	DuQuoin	234,279	149,877	62,350		2,660
S-6	* Peabody Coal Co., No. 14 .....	DuQuoin	444,853	266,117	79,763		3,061
S-8	Cutler Coal Co., Inc. ....	Cutler	85,349	81,155			1,112
S-9	Home Coal Co. ....	Tamaroa	16,535	2,500			13,535
S-10	K. & E. Coal Co. ....	Tamaroa	2,864	1,800			1,064
S-11	New Galum Coal Co. ....	Cutler	25,040	13,463	10,500		277
S-12	Perfection Coal Co. ....	DuQuoin	78,257	41,007		23,972	13,278
S-13	Pyramid Coal Corp. ....	Pinckneyville	1,561,355	411,464	776,412		†369,195
S-14	United Electric Coal Cos., No. 11 .....	DuQuoin	1,196,110	710,692	353,846		
S-15	Whip-Poor-Will Coal Co. ....	Cutler	45,905	42,417			1,763
S-16	Coulterville Coal Co. ....	Coulterville	68,759	32,835	26,125		5,184
15 shipping mines total .....			3,847,463	1,803,956	1,330,354	23,972	420,996
LOCAL MINES.							
L-1	Ritter Coal Co. ....	DuQuoin	8,809				8,109
L-2	Elm Grove Coal Co. ....	Cutler	3,848				3,248
L-3	City Coal Co. ....	Pinckneyville	3,240				3,143
L-4	Higgerson Coal Co. ....	Cutler	2,274				2,000
L-6	Weldon Lemmons, No. 1 .....	Tamaroa	1,685				1,325
L-7	T. J. Howell Coal Co. ....	DuQuoin	1,511				1,511
L-8	Little White Ash Coal Co. ....	DuQuoin	775				500
L-11	* Hot Shot Coal Co. ....	DuQuoin	450				400
L-11	* Hot Shot Coal Co. ....	DuQuoin	1,332				1,171
L-12	Jewel Coal Co., No. 3 .....	DuQuoin	860				810
L-13	Roy Burnett .....	DuQuoin	1,108				1,108
10 local mines total .....			25,892				23,325
25 all mines total .....			3,873,355	1,803,956	1,330,354	23,972	444,321

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

† Supplied to universal washer, 367,011 tons.

## NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.	
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.						
210		8	141	179							3,686		12	S-1	
		13	201		22,500						21,013		12	S-2	
		11	90	108							2,172		12	S-3	
27	37	13	4	8					1		291			S-3	
5,230	201	74	151	2,312					2		47,820		5	S-4	
568		17	159	653	500			1		2,115	11,060		2	S-5	
4,789	14,683	612	67				31,350	29	23	234,279			8	S-6	
9,346	86,566	573	124				63,525	22	23	444,853			8	S-6	
1,780	1,302	112	137	1,349				5	1	85,349			5	S-8	
500		41	130	500							16,535		3	S-9	
		33	87	146							2,864		3	S-10	
800		29	149	1,192		25					25,040		3	S-11	
		57	84		1,500							78,257			S-12
2,521	1,763	398	195		100,000		20,000					1,561,355			S-13
6,205	125,367	247	222		116,450	11,818						1,196,110			S-14
1,675	50	87	111	1,963				1		10,849	35,056		9	S-15	
2,841	1,774	107	109	899		1,100		3	2	68,759			7	S-16	
36,522	231,663	1,840	141	9,309	240,950	12,943	114,875	35	29	816,204	165,537	2,835,722	51		
	700	6	102		100							8,809		L-1	
280	320	4	157	160							3,848		1	L-2	
32	65	7	108	134							3,240		1	L-3	
192	82	5	142		1,500						2,274			L-4	
360		5	125	67							1,685		1	L-6	
		3	166	64							1,511		1	L-7	
200	75	5	95	24							775		1	L-8	
50		9	37	24							450			L-11	
61	100	9	61		2,000						1,332		1	L-11	
50		5	150	120							860			L-12	
		3	288	42							1,108		1	L-13	
1,225	1,342	52	143	635	3,600						17,083	8,809	8		
37,747	233,005	1,892	144	9,944	244,550	12,943	114,875	35	29	846,204	182,620	2,844,531	59		

## RANDOLPH COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
S-2	Crain Coal Co.	Percy	10,352	3,361	1,598		5,011
S-3	Ill-Mo Coal Co.	Sparta	22,875	9,590	8,923		4,045
S-4	Oregon Coal Co., No. 2.	Tilden	31,638	28,476			2,325
S-5	Moffat Coal Co.	Sparta	297,730	53,624	229,530		3,343
S-6	St. Louis Coal Co.	Coulterville	216,257	135,514	30,640		39,898
S-7	Southwestern Illinois Coal Corp.	Percy	758,234	429,060	213,498		476
	6 shipping mines total		1,337,086	659,625	484,189		55,098
LOCAL MINES.							
L-1	Lemon McKelvey Coal Co.	Sparta	16,520				14,294
L-2	Blair Coal Co.	Sparta	7,172				6,151
L-3	Syndicate Mining Co.	Percy	13,522				12,663
L-4	Baldwin Coal Co.	Baldwin	3,148				2,732
L-5	Sam Stevenson, No. 1.	Sparta	1,500				1,290
L-5	* G. & B. Coal Co.	Sparta	450				310
L-6	H. M. Welshans, No. 1.	Sparta	3,272				2,586
L-7	Beveridge Coal Co., No. 2.	Sparta	6,618				6,163
L-8	Black Diamond Coal Co.	Schuline	36				30
L-9	Economy Coal & Mining Co.	Sparta	789				649
	9 local mines total		53,027				46,868
	15 all mines total		1,390,113	659,625	484,189		101,966

## WASHINGTON COUNTY

SHIPPING MINES.							
S-1	Centralia Coal Co., No. 5	Centralia	233,161	76,973	122,122		24,204
S-2	Clarkson Coal & Mining Co.	Nashville	65,073	6,847	22,673	21,340	8,841
S-3	Bois Coal Co.	DuBois	12,770	1,100			10,770
	3 shipping mines total		311,004	84,920	144,795	21,340	43,815
LOCAL MINES.							
L-1	Darmstadt Coal Co.	Lenzburg	18,000				17,000
L-2	Venedy Coal Co.	Venedy	6,713				5,586
	2 local mines total		24,713				22,586
	5 all mines total		335,717	84,920	144,795	21,340	66,401

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
382	10	200	2,750					1		8,684	1,668		1	S-2
20	297	30	180	5,750				1	1	22,875			2	S-3
520	317	154	52	791					1		31,638		1	S-4
11,233		338	183	151,225				16	10	297,730			28	S-5
3,530	6,675	219	139	101,150				7	2	216,257			17	S-6
850	114,350	105	200	35,550								758,234		S-7
16,535	121,639	856	159	791	206,425			25	14	545,546	33,306	758,234	55	
636	1,590	15	159	162	300			1		16,520			2	L-1
304	717	8	203	45				1		7,172			2	L-2
859		13	155		1,500			1	1	13,522			2	L-3
216	200	7	210		1,200			1		3,148				L-4
80	130	7	160	140							1,500		1	L-5
50	90	5	70	75							450		1	L-6
289	397	5	143		1,200			1		3,272			1	L-7
455		12	195	85				1		6,618			1	L-8
6		3	10	2							36			L-9
140		5	70	145							789			
3,035	3,124	74	153	654	4,200			6	1	50,252	2,775		10	
19,570	124,763	930	155	1,445	300,625			31	15	595,798	36,081	758,234	65	

## NINTH DISTRICT.

9,731	131	230	130			47,950	8	19	233,161				1	S-1
5,372		98	165		9,150			4	65,073				8	S-2
900		36	146	530						12,770			3	S-3
16,003	131	364	147	530	9,150	47,950	12	20	298,234	12,770			12	
700	300	19	225	350			1		17,000	1,000			2	L-1
1,127		11	220	384						6,713			1	L-2
1,827	300	30	223	734			1		17,000	7,713			3	
17,830	431	394	177	1,264	9,150	47,950	13	20	315,234	20,483			15	

## NINTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine	All coal not sold including waste.
Jackson.....	2	1,599,078	1,205,193	357,984	-----	3,215	1,406	31,280
Perry.....	15	3,847,463	1,803,956	1,330,354	23,972	†420,996	36,522	231,663
Randolph.....	6	1,337,086	659,625	484,189	-----	55,098	16,535	121,639
Washington.....	3	311,004	84,920	144,795	21,340	43,815	16,003	131
Total.....	26	7,094,631	3,753,694	2,317,322	45,312	523,124	70,466	384,713

†367,011 tons supplied to Universal Washer.

## LOCAL MINES

Jackson.....	21	121,016	-----	-----	-----	113,725	4,831	2,460
Perry.....	10	25,892	-----	-----	-----	23,325	1,225	1,342
Randolph.....	9	53,027	-----	-----	-----	46,868	3,035	3,124
Washington.....	2	24,713	-----	-----	-----	22,586	1,827	300
Total.....	42	224,648	-----	-----	-----	206,504	10,918	7,226

## ALL MINES

Jackson.....	23	1,720,094	1,205,193	357,984	-----	116,940	6,237	33,740
Perry.....	25	3,873,355	1,803,956	1,330,354	23,972	†444,321	37,747	233,005
Randolph.....	15	1,390,113	659,625	484,189	-----	101,966	19,570	124,763
Washington.....	5	335,717	84,920	144,795	21,340	66,401	17,830	431
Total.....	68	7,319,279	3,753,694	2,317,322	45,312	729,628	81,384	391,939

†See note above.



## RECAPITULATION BY COUNTIES.

Total em- ployees.	Days oper- ated.	Explosives used for blasting coal.				Number of—		Tons mined by—			Num- ber of animals under ground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.	Min- ing ma- chines used.	Mo- tors in use.	Ma- chine.	Hand.	Strip- ping.	
758	181	-----	17,000	5,950	209,300	20	30	1,033,856	-----	555,222	1
1,840	141	9,309	240,950	12,943	114,875	35	29	846,204	165,537	2,835,722	51
856	159	791	296,425	-----	-----	25	14	545,546	33,306	758,234	55
364	147	530	9,150	-----	47,950	12	20	298,234	12,770	-----	12
3,818	151	10,630	563,525	18,893	372,125	92	93	2,723,840	211,613	4,159,178	119

## NINTH DISTRICT.

158	166	1,923	14,650	-----	-----	6	-----	26,894	34,750	59,372	19
52	143	635	3,600	-----	-----	-----	-----	-----	17,083	8,809	8
74	153	654	4,200	-----	-----	6	1	50,252	2,775	-----	10
30	223	734	-----	-----	-----	1	-----	17,000	7,713	-----	3
314	161	3,946	22,450	-----	-----	13	1	94,146	62,321	68,181	40

## NINTH DISTRICT.

916	168	1,923	31,650	5,950	209,300	26	30	1,060,750	34,750	624,594	20
1,892	144	9,944	244,550	12,943	114,875	31	29	846,204	182,620	2,844,531	59
930	155	1,445	300,625	-----	-----	31	15	595,798	36,081	758,234	65
394	177	1,264	9,150	-----	47,950	13	20	315,234	20,483	-----	15
4,132	157	14,576	585,975	18,893	372,125	105	94	2,817,986	273,934	4,227,359	159

## TENTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Tenth Inspection District comprising the coal producing counties of Franklin and Jefferson for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
WILLIAM J. JOHNSON, *Inspector.*

## TENTH DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal .....	2	2	2	2	1
Number of shipping mines .....	13	15	12	15	14
Number of local mines .....	5	4	5	5	-----
Number of employees underground .....	5,290	6,094	5,531	6,908	6,496
Number of employees on surface .....	1,520	1,614	1,391	1,517	1,404
Total number employed .....	6,810	7,708	6,922	8,425	7,900
Tons of coal produced in shipping mines .....	10,108,267	9,432,140	7,985,155	7,780,162	6,703,883
Tons of coal produced in local mines .....	380	420	957	541	-----
Tons of coal produced, total .....	10,108,647	9,432,560	7,986,112	7,780,703	6,703,883
Days operated, shipping mines, average .....	170	144	147	130	115
Days operated, local mines, average .....	47	38	62	39	-----
Number of undercutting machines .....	207	241	210	279	264
Tons undercut .....	10,108,267	9,432,140	7,985,155	7,780,162	6,671,615
Tons mined by hand .....	380	420	957	541	32,268
Tons mined in strip mines .....	346	398	443	492	-----
Number of loading machines used .....	9,955,003	8,807,968	6,598,265	5,365,594	4,513,921
Tons loaded mechanically .....	17	19	14	20	11
Number of fatal accidents .....	428	486	459	578	570
Number of employees to each fatality .....	401	406	494	421	718
Number of employed to each non-fatal accident .....	15.9	15.9	15.1	14.6	14
Tons of coal mined to each fatality .....	594,604	496,451	570,437	389,035	609,444
Tons mined to each non-fatal accident .....	23,617	19,408	17,399	13,461	11,761
Number of fatalities per 1,000 employed .....	2.4	2.5	2.0	2.4	1.4
Number injured per 1,000 employed .....	62.8	63.1	66.3	68.6	72.1

## SUSPENDED OPERATIONS.

Frankfort Coal Co. No. 21, West Frankfort, Franklin County.

## CHANGE OF NAME.

Frankfort Coal Co. No. 21 to Southern Illinois Coal Co. No. 21.

## IDLE MINES.

Illinois Coal Corp. No. 10, Nason, Jefferson County

Old Ben Coal Corp. No. 9, West Frankfort, Franklin County.

Old Ben Coal Corp. No. 10, Christopher, Franklin County.

Old Ben Coal Corp. No. 12, Christopher, Franklin County.

Old Ben Coal Corp. No. 16, Sesser, Franklin County.

Old Ben Coal Corp. No. 19, Rend, Franklin County.

United States Fuel, Co., M. F. Benton, Franklin County.

## FATAL ACCIDENTS.

January 26, Samuel Smith, loader, aged 24 years, married, killed by fall of top coal in mine No. 8 of the Old Ben Coal Corp., leaving wife and one child.

February 15, Clarence Parker, timberman, aged 47 years, married, killed by fall of rock in mine No. 18 of the Peabody Coal Co., leaving wife.

March 22, Charles Hughes, conveyor loader, aged 60 years, married, killed by fall of rock in mine No. 2 of the Chicago, Wilmington & Franklin Coal Co., leaving wife.

April 11, John E. Hogstrom, bonder and cable man, aged 37 years, married, crushed by motor in mine No. 1 of the Chicago, Wilmington & Franklin Coal Co., leaving wife.

May 6, Henry Capps, loader, aged 44 years, widower, crushed between car and rib in mine No. 15 of the Old Ben Coal Corp., leaving three children.

May 6, Alfred Downs, loader, aged 51 years, married, killed by fall of coal in mine No. 15 of the Old Ben Coal Corp., leaving wife and four children.

June 12, Dominic Stanovich, loader, aged 51 years, married, killed by fall of coal in mine No. 15 of the Old Ben Coal Corp., leaving wife and one child.

August 3, Harvey Snider, machine operator, aged 37 years, married, killed by fall of face coal in mine No. 2 of the Bell & Zoller Coal & Mining Co., leaving wife and four children.

August 12, Ray Searlett, skinup man, aged 47 years, married, killed by fall of coal in mine No. 2 of the Bell & Zoller Coal & Mining Co., leaving wife and two children.

September 2, Joe Janello, miner or dust man, aged 55 years, married, crushed under cars in mine No. 14 of the Old Ben Coal Corp., leaving wife and seven children.

October 6, M. L. Gladders, face boss, aged 33 years, single, killed by fall of coal in mine No. 11 of the Old Ben Coal Corp. No dependents.

November 7, Moses Martin, tracklayer, aged 72 years, widower, crushed between motor and loaded cars in mine No. 8 of the Old Ben Coal Corp. No dependents.

November 23, William L. Morissey, skinup man, aged 25 years, married, electrocuted in mine No. 18 of the Peabody Coal Co., leaving wife and mother dependent.

November 24, Marko Sleipevich, loader, aged 63 years, married, killed by fall of rock in mine No. 14 of the Old Ben Coal Corp., leaving wife.

November 27, Herbert Wells, top laborer, aged 33 years, married, crushed between coal box and clam shell at mine No. 7 of the Franklin County Coal Co., Inc., leaving wife.

December 2, Kenneth Beames, night shift man, aged 27 years, single, crushed by motor in mine No. 2 of the Chicago, Wilmington & Franklin Coal Co., leaving father and mother dependent.

December 6, Valentine Hrovatic, driller, aged 51 years, married, killed by fall of face coal in mine No. 2 of the Chicago, Wilmington & Franklin Coal Co., leaving wife and one child.



NON-FATAL ACCIDENTS, TENTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		
						Total.	Average.		Total.	Average.	
Bell & Zoller Coal & Mining Co., No. 1.	25	3	632	29	14	254	18	378	47	January.	44
Bell & Zoller Coal & Mining Co., No. 2.	47	5	1,005	24	33	571	17	434	48	February.	48
Chicago, Wilmington & Franklin Coal Co., No. 1.	36	4	1,067	33	20	287	14	780	65	March.	67
Chicago, Wilmington & Franklin Coal Co., No. 2.	50	5	1,747	39	20	306	15	1,441	57	April.	20
Franklin County Coal Corp., No. 5.	35	4	1,009	32	15	206	14	803	50	May.	29
Franklin County Coal Corp., No. 7.	19	2	831	49	8	150	19	681	76	June.	30
Old Ben Coal Corp., No. 8.	23	4	701	37	12	169	14	7	532	July.	39
Old Ben Coal Corp., No. 11.	19	1	558	31	11	178	16	7	380	August.	33
Old Ben Coal Corp., No. 14.	31	6	890	36	12	198	17	13	701	September.	26
Old Ben Coal Corp., No. 15.	38	2	1,583	41	17	261	15	19	1,322	October.	39
Old Ben Coal Corp., No. 18.	53	13	1,655	41	15	236	16	25	1,419	November.	33
Pearbody Coal Co., No. 18.	29	4	615	25	20	314	16	5	301	December.	
Southern Illinois Coal Co., No. 21.	23	1	1,405	64	11	197	18	11	1,208		
Valley Coal Co.											
Shipping mines.	428	54	13,707	37	208	3,327	16	166	10,380	62	
Local mines.											
Total.	428	54	13,707	37	208	3,327	16	166	10,380	62	428

## FRANKLIN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
S-1	Bell & Zoller Coal & Mining Co., No. 1	Zeigler	1,054,860	758,341	233,047		4,263
S-2	Bell & Zoller Coal & Mining Co., No. 2	Zeigler	1,105,554	793,471	244,543		4,454
S-3	Chicago, Wilmington & Franklin Coal Co., No. 1	Orient	854,797	612,926	215,039		1,971
S-4	Chicago, Wilmington & Franklin Coal Co., No. 2	West Frankfort	1,562,343	1,105,443	385,444		30,556
S-5	Frankfort Coal Co., No. 21	West Frankfort	27,385	18,100	4,171		2,684
S-5	Southern Illinois Coal Co., No. 21	West Frankfort	116,221	86,375	19,685		6,006
S-6	Franklin County Coal Corp., No. 5	Herrin	569,254	536,879			6,027
S-7	Franklin County Coal Corp., No. 7	Royalton	624,152	549,163			4,347
S-8	Old Ben Coal Corp., No. 8	West Frankfort	592,912	456,267	94,098		11,158
S-9	Old Ben Coal Corp., No. 11	Coello	489,106	381,991	59,321		2,565
S-10	Old Ben Coal Corp., No. 14	Buckner	667,898	426,210	215,511		13,797
S-11	Old Ben Coal Corp., No. 15	West Frankfort	664,009	476,505	154,016		1,315
S-12	Peabody Coal Co., No. 18	West Frankfort	670,070	535,511	87,004		8,741
S-14	Valier Coal Co., No. 1	Valier	1,109,706		1,096,699		3,108
	13 shipping mines total		10,108,267	6,737,182	2,808,578		100,992

## JEFFERSON COUNTY

LOCAL MINES.							
L-1	Walter Cole	Opdyke	91				81
L-2	W. F. Robertson	Belle Rive	72				72
L-3	Ed Hamson	Belle Rive	91				87
L-4	J. M. Shelton	Opdyke	91				51
L-5	Herman Boob	Opdyke	35				35
5 local mines total			380				326

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## TENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
27,492	31,717	595	156	-----	-----	-----	-----	24	53	1,054,860	-----	-----	-----	S-1
29,942	33,144	797	205	-----	-----	-----	-----	17	44	1,105,554	-----	-----	-----	S-2
11,613	13,248	529	167	-----	-----	-----	105,100	15	30	854,797	-----	-----	-----	S-3
4,845	36,055	948	167	-----	-----	-----	213,700	34	53	1,562,343	-----	-----	-----	S-4
2,430	200	200	34	-----	2,725	-----	-----	4	7	27,385	-----	-----	-----	S-5
4,155	-----	184	161	-----	-----	100	19,875	6	7	116,221	-----	-----	-----	S-5
10,463	15,885	550	172	-----	-----	-----	61,125	19	7	569,254	-----	-----	36	S-6
13,029	57,613	506	157	-----	-----	-----	86,425	13	26	624,152	-----	-----	-----	S-7
372	31,017	467	150	-----	-----	-----	26,350	8	33	592,912	-----	-----	-----	S-8
2,845	42,384	278	171	-----	-----	-----	2,000	6	23	489,106	-----	-----	-----	S-9
2,042	10,338	424	174	-----	-----	-----	2,950	10	14	667,898	-----	-----	-----	S-10
6,740	25,433	470	172	-----	-----	-----	3,059	8	30	664,009	-----	-----	-----	S-11
6,341	32,473	470	180	-----	-----	-----	161,750	23	22	670,070	-----	-----	-----	S-12
1,754	8,145	569	149	-----	-----	-----	225,600	25	44	1,109,706	-----	-----	-----	S-14
124,063	337,452	6,795	170	-----	2,725	100	907,934	207	386	10,108,267	-----	-----	36	

## TENTH DISTRICT.

-----	10	2	60	-----	-----	-----	-----	-----	-----	-----	-----	91	-----	L-1
-----	-----	3	22	-----	-----	-----	-----	-----	-----	-----	-----	72	-----	L-2
4	-----	1	76	-----	-----	-----	-----	-----	-----	-----	-----	91	-----	L-3
40	-----	6	38	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	L-4
-----	-----	3	40	-----	-----	-----	-----	-----	-----	-----	-----	35	-----	L-5
44	10	15	47	-----	-----	-----	-----	-----	-----	-----	-----	380	-----	

## TENTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine	All coal not sold including waste.
Franklin.....	13	10, 108, 267	6, 737, 182	2, 808, 578	-----	100, 992	124, 063	337, 452
Total.....	13	10, 108, 267	6, 737, 182	2, 808, 578	-----	100, 992	124, 063	337, 452

## LOCAL MINES

Jefferson.....	5	380	-----	-----	-----	326	44	10
Total.....	5	380	-----	-----	-----	326	44	10

## ALL MINES

Franklin.....	13	10, 108, 267	6, 737, 182	2, 808, 578	-----	100, 992	124, 063	337, 452
Jefferson.....	5	380	-----	-----	-----	326	44	10
Total.....	18	10, 108, 647	6, 737, 182	2, 808, 578	-----	101, 318	124, 107	337, 462



## RECAPITULATION BY COUNTIES.

Total Em- ployees.	Days oper- ated.	Explosives used for blasting coal.				Number of		Tons mined by—			Num- ber of animals under ground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.	Min- ing ma- chines used.	Mot- ors in use.	Ma- chine.	Hand.	Strip- ping.	
6,795	170	-----	2,725	100	907,934	207	386	10,108,267	-----	-----	36

## TENTH DISTRICT.

15	47	-----	-----	-----	-----	-----	-----	-----	-----	380	-----

## TENTH DISTRICT.

6,795	170	-----	2,725	100	907,934	207	386	10,108,267	-----	-----	36
15	47	-----	-----	-----	-----	-----	-----	-----	-----	380	-----
6,810	163	-----	2,725	100	907,934	207	386	10,108,267	-----	380	36

## ELEVENTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Eleventh Inspection District comprising the coal producing counties of Gallatin, Pope, Saline, Wabash and White for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
LOREN A. BELT, *Inspector.*

## ELEVENTH DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal	5	5	5	5	5
Number of shipping mines	12	13	10	9	9
Number of local mines	43	60	60	62	66
Number of employees underground	3,416	3,519	3,672	3,516	3,658
Number of employees on surface	867	767	578	586	525
Total number employed	4,283	4,286	4,250	4,102	4,183
Tons of coal produced in shipping mines	3,493,987	3,693,556	3,198,829	2,731,693	2,506,153
Tons of coal produced in local mines	80,896	101,780	99,019	81,614	74,000
Tons of coal produced, total	3,574,883	3,795,336	3,297,848	2,813,307	2,580,153
Days operated, shipping mines, average	151	150	153	144	125
Days operated, local mines, average	103	91	79	86	64
Number of undercutting machines	187	246	217	168	190
Tons undercut	2,748,326	3,305,734	2,985,314	2,497,775	2,272,461
Tons mined by hand	27,132	33,235	42,837	45,983	40,900
Tons mined in strip mines	799,425	456,367	269,697	269,549	266,792
Number of loading machines used	59	62	33	31	62
Tons loaded mechanically	1,325,045	915,412	367,750	323,141	306,574
Number of fatal accidents	8	9	10	5	5
Number of non-fatal accidents	307	347	414	326	288
Number of employees to each fatality	535	476	425	820	837
Number employed to each non-fatal accident	13.9	12.4	10.2	12.6	14.5
Tons of coal mined to each fatality	446,860	421,704	329,785	562,661	516,031
Tons mined to each non-fatal accident	11,644	10,938	7,966	8,630	8,959
Number of fatalities per 1,000 employed	1.8	2.1	2.4	1.2	1.2
Number injured per 1,000 employed	71.7	80.9	97.4	79.5	68.3

## SUSPENDED OPERATIONS.

Sahara Coal Co. No. 3, Harrisburg, Saline County.

## IDLE MINES.

Illinois Saline Coal Co., Equality, Gallatin County.

Peabody Coal Co. No. 42, Harrisburg, Saline County.

Peabody Coal Co. No. 44, Harrisburg, Saline County.

Peabody Coal Co. No. 46, Harrisburg, Saline County.

Sahara Coal Co. No. 8, Harrisburg, Saline County.

## ABANDONED MINES.

Sahara Coal Co. No. 15, Harrisburg, Saline County.

## FATAL ACCIDENTS.

January 22, Asroe Owens, top laborer, aged 33 years, married, crushed between railroad cars in yards of No. 1 mine of Sahara Coal Co., leaving wife and two children.

January 30, Jack Rogers, top laborer, aged 17 years, single, fell into water trap of boiling water at mine No. 12 of the Sahara Coal Co.

March 16, Robert Wesley Mills, machine runner, aged 62 years, married, killed by fall of slate at mine No. 1 of the Wasson Coal Co., leaving wife.

September 5, Guy Dorr, gang man, aged 38 years, widower, killed by fall of rock at mine No. 47 of the Peabody Coal Co., leaving two children.

September 13, Hobart Wilson, machine runner, aged 40 years, single, crushed between prop and cars in mine of Norris City Coal Co. No dependents.

November 6, William Burgess, machine helper, aged 40 years, married, killed by fall of rock in No. 1 mine of Wasson Coal Co., leaving wife.

November 8, Lucian Raymer, timberman, aged 47 years, married, killed by fall of rock in mine No. 1 of Sahara Coal Co., leaving wife.

December 21, Charles Stalions, loading machine helper, aged 45 years, married, dragged into cutter bar of machine in mine No. 6 of the Blue Bird Coal Co., leaving wife and three children.



## NON-FATAL ACCIDENTS. ELEVENTH DISTRICT.

Name of operator.	Number injured.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
		Number not returned.	Total.	Average.	Number injured.	Days lost.		Month.	Number injured.
						Total.	Average.		
Bankston Creek Collieries Co., No. 6.	9	1	343	43	3	34	11	January	31
Blue Bird Coal Co.	12	1	290	26	5	70	14	February	15
Norris City Coal Co.	30	3	981	36	15	225	15	March	45
Peabody Coal Co., No. 43.	33	14	763	54	8	152	19	April	20
Peabody Coal Co., No. 47.	82	10	3,497	49	27	510	19	May	20
Rex Coal Co., No. 2.	34	8	906	35	12	188	16	June	18
Sahara Coal Co., No. 1.	13	1	249	21	8	102	13	July	24
Sahara Coal Co., No. 3.	3		240	80				August	15
Sahara Coal Co., No. 10.	19	2	517	30	7	87	12	September	34
Sahara Coal Co., No. 12.	9	1	447	56	4	75	16	October	28
Wasson Coal Co., "A."	23	3	854	43	11	147	13	November	24
Wasson Coal Co., No. 1.	36	4	1,155	36	17	210	12	December	33
Shipping mines.	303	48	10,242	40	117	1,800	16		
Local mines.	4		76	19	3	43	14		
Total.	307	48	10,318	40	120	1,843	15		307
						8,475	61		

## GALLATIN COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
L-1	Logan Highway Coal Co. ....	Junction .....	14, 548	-----	-----	-----	14, 163
L-2	Mid City Coal Co. ....	Junction .....	6, 487	-----	-----	-----	6, 147
L-3	Cedar Hill Coal Mine .....	Junction .....	6, 210	-----	-----	-----	5, 705
L-4	Pekin Coal Co., No. 1 .....	Equality .....	5, 410	-----	-----	-----	3, 910
L-7	Yates Mine .....	Equality .....	89	-----	-----	-----	79
L-8	Robert Payne & Son, No. 1 .....	Shawneetown .....	223	-----	-----	-----	223
L-9	John E. Vaught .....	Junction .....	56	-----	-----	-----	56
L-9	Clifford Moore .....	Junction .....	89	-----	-----	-----	89
L-10	W. B. Dickson .....	Junction .....	348	-----	-----	-----	348
L-11	Billy Baldwin .....	Equality .....	93	-----	-----	-----	93
L-14	Edgar Scott .....	Sparks Hill .....	123	-----	-----	-----	123
L-15	Frank Patton .....	Junction .....	112	-----	-----	-----	112
L-16	Samuel J. Black, No. 1 .....	Junction .....	85	-----	-----	-----	73
L-18	Brooks & Barnett, No. 1 .....	Junction .....	130	-----	-----	-----	124
	13 local mines total .....	-----	34, 003	-----	-----	-----	31, 245

## POPE COUNTY

LOCAL MINES.							
L-1	Sam Sistler & Son .....	Golconda .....	47	-----	-----	-----	47

## SALINE COUNTY

SHIPPING MINES.							
S-1	Bankston Creek Colliery No. 6 .....	Carrier Mills .....	651, 906	391, 296	243, 525	-----	-----
S-2	Blue Bird Coal Co., No. 5 .....	Carrier Mills .....	114, 830	191, 100	50, 024	-----	9, 000
S-2	Blue Bird Coal Co., No. 5 .....	Carrier Mills .....	135, 294	Tonnage included	in preceding line.	-----	-----
S-4	Peabody Coal Co., No. 43 .....	Harrisburg .....	148, 432	59, 333	72, 874	-----	3, 163
S-5	Peabody Coal Co., No. 47 .....	Harco .....	675, 469	506, 503	97, 399	-----	4, 257
S-6	Rex Coal Co., No. 2 .....	Eldorado .....	450, 313	433, 606	-----	-----	7, 141
S-7	Sahara Coal Co., No. 1 .....	Harrisburg .....	253, 421	219, 255	19, 345	-----	116
S-8	Sahara Coal Co., No. 3 .....	Harrisburg .....	36, 128	25, 317	2, 324	-----	2, 024
S-9	Sahara Coal Co., No. 10 .....	Eldorado .....	291, 677	195, 180	66, 682	-----	16, 967
S-10	Sahara Coal Co., No. 12 .....	Harrisburg .....	159, 407	121, 624	20, 325	-----	3, 566
S-11	Wasson Coal Co., "A" .....	Harrisburg .....	157, 421	79, 528	73, 245	-----	455
S-12	Wasson Coal Co., No. 1 .....	Harrisburg .....	385, 832	291, 414	57, 509	-----	5, 618
11 shipping mines total .....			3, 460, 130	2, 514, 156	703, 312	-----	52, 307
LOCAL MINES.							
L-1	Silas B. Moore, No. 3 .....	Equality .....	3, 246	-----	-----	-----	2, 391
L-3	Lone Star Coal Co. ....	Carrier Mills .....	4, 000	-----	-----	-----	4, 000
L-4	John J. Pickford .....	Harrisburg .....	2, 439	-----	-----	-----	2, 439
L-5	Don Randall .....	Harrisburg .....	9, 786	-----	-----	-----	8, 911
L-6	Silas B. Moore, No. 4 .....	Equality .....	1, 939	-----	-----	-----	1, 474

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## ELEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
385	-----	31	116	-----	2,500	-----	-----	1	-----	14,548	-----	-----	6	L-1
340	-----	13	121	-----	1,200	-----	-----	1	-----	6,487	-----	-----	4	L-2
380	125	13	207	-----	1,200	-----	-----	1	-----	6,210	-----	-----	2	L-3
760	740	11	102	300	-----	-----	-----	-----	-----	-----	5,410	-----	2	L-4
-----	10	2	-----	-----	-----	-----	-----	-----	-----	-----	89	-----	1	L-7
-----	-----	2	106	15	-----	-----	-----	-----	-----	-----	223	-----	1	L-8
-----	-----	2	-----	4	-----	-----	-----	-----	-----	-----	56	-----	1	L-9
-----	-----	1	75	5	-----	-----	-----	-----	-----	-----	89	-----	1	L-9
-----	-----	1	80	20	-----	-----	-----	-----	-----	-----	348	-----	-----	L-10
-----	-----	2	33	200	-----	-----	-----	-----	-----	-----	93	-----	-----	L-11
-----	-----	1	33	-----	-----	-----	-----	-----	-----	-----	123	-----	-----	L-14
-----	-----	2	66	10	-----	-----	-----	-----	-----	-----	112	-----	-----	L-15
-----	-----	2	90	12	-----	-----	-----	-----	-----	-----	85	-----	1	L-16
6	6	1	100	10	-----	-----	-----	-----	-----	-----	130	-----	-----	L-18
-----	6	3	60	250	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1,871	887	85	105	376	5,350	-----	-----	3	-----	27,245	6,758	-----	18	-----

## ELEVENTH DISTRICT.

-----	-----	2	12	-----	75	-----	-----	-----	-----	-----	47	-----	-----	L-1
-------	-------	---	----	-------	----	-------	-------	-------	-------	-------	----	-------	-------	-----

## ELEVENTH DISTRICT.

-----	17,085	150	200	-----	693,206	-----	-----	-----	-----	-----	651,906	-----	-----	S-1
-----	-----	93	152	-----	180,000	6,000	2	5	114,830	-----	-----	-----	-----	S-2
-----	-----	35	149	-----	-----	-----	-----	-----	-----	-----	135,294	-----	-----	S-2
3,075	9,987	323	79	-----	600	24,400	12	21	148,432	-----	-----	-----	-----	S-4
10,412	56,898	706	169	-----	-----	67,225	27	27	675,469	-----	-----	-----	-----	S-5
9,566	-----	350	192	-----	-----	88,600	12	23	450,313	-----	-----	-----	-----	S-6
3,540	11,165	591	107	-----	5,375	27,900	46	20	253,421	-----	-----	-----	46	S-7
730	5,733	336	19	-----	3,250	2,000	10	24	36,128	-----	-----	-----	-----	S-8
7,513	5,335	403	144	-----	-----	26,025	30	17	291,677	-----	-----	-----	23	S-9
3,030	10,862	424	85	-----	-----	15,650	24	15	159,407	-----	-----	-----	26	S-10
3,168	1,025	249	136	-----	27,000	-----	8	8	157,421	-----	-----	-----	-----	S-11
13,647	17,584	325	229	-----	93,100	800	5	20	385,832	-----	-----	-----	-----	S-12
54,681	135,674	3,985	151	-----	128,725	873,806	258,600	176	180	2,672,930	-----	787,200	95	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
123	732	8	200	83	-----	-----	-----	1	-----	3,246	-----	-----	2	L-1
-----	-----	6	120	225	-----	-----	-----	-----	-----	-----	4,000	-----	1	L-3
-----	-----	4	125	-----	50	-----	-----	-----	-----	-----	2,439	-----	-----	L-4
575	300	7	135	-----	300	-----	-----	-----	-----	-----	9,786	-----	-----	L-5
80	385	6	223	48	-----	-----	-----	1	-----	1,939	-----	-----	1	L-6

## SALINE COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-7	C. C. McNew & Son, No. 2.	Stonefort.	2,000				1,500
L-9	L. C. Wiedemann.	Harrisburg.	773				523
L-11	Estel Loyd	Eldorado.	984				952
L-12	Willard Van Meter.	Harrisburg.	600				600
L-13	Lanhan & Bennett.	Equality.	800				600
L-14	Carrier Mills Coal Co.	Carrier Mills.	6,249				5,821
L-15	Gulley & Penrod.	Harrisburg.	203				203
L-16	Milton Conway, No. 1.	Harrisburg.	155				155
L-17	H. L. Griffith.	Harrisburg.	281				271
L-18	J. R. Reynolds, No. 1.	Equality.	340				310
L-21	Ed Flannell.	Carrier Mills.	106				65
L-22	James Yates.	Equality.	32				32
L-25	Logan Reynolds.	Equality.	125				125
L-26	Rocky Branch, No. 1.	Harrisburg.	60				60
L-26*	Rocky Branch, No. 1.	Harrisburg.	685				673
L-27	William Karnes.	Harrisburg.	80				60
L-28	Hubert and George Bond.	Equality.	450				350
L-29	Logan Uzzle Mine.	Eldorado.	509				509
L-30	W. E. Fritts.	Equality.	450				400
L-34	Earl Scroggins.	Equality.	400				390
L-34	Jess F. Stunson.	Harrisburg.	735				600
	24 local mines total.		37,427				33,414
	35 all mines total.		3,497,557	2,514,156	703,312		85,721

## WABASH COUNTY

LOCAL MINES.						
L-1	W. V. Brown.	Keensburg.	4,000			3,840
L-3	Kyle Reel.	Mt. Carmel.	1,323			1,323
L-7	H. A. Elkins.	Mt. Carmel.	3,000			3,000
L-8	W. V. Brown, No. 2.	Mt. Carmel.	520			520
L-9	Lancaster Coal Co.	Mt. Carmel.	576			566
	5 local mines total.		9,419			9,249

## WHITE COUNTY

SHIPPING MINES.						
S-1	Norris City Coal Co.	Norris City.	33,857	16,621		11,168

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## ELEVENTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
500	6	205			500			1		2,000				L-7
250	9	72		80							773		1	L-9
32	3	300		192							984		1	L-11
	6	30		96							600		1	L-12
180	7	64		76				1		800			1	L-13
428	7	136		2,050				1		6,249			1	L-14
	3	60		8							203			L-15
	3	15		14							155			L-16
10	3										281			L-17
41	2	100		20							340		1	L-18
	2	10		5							106		1	L-21
	1	8		3							32		1	L-22
	2	75		15							125		1	L-25
	6	30		32				1		60			1	L-26
12	3	115		9							685		1	L-26
20	2			18							80		1	L-27
100	2	90		25							450			L-28
	3										509		1	L-29
	4	90		8	1,000						450		1	L-31
10	3	70		20							400			L-34
135	3	120		46							735			L-34
1,051	2,962	107	114	1,015	3,950			6		14,294	10,908	12,225	16	
55,732	138,636	4,092	135	1,015	132,675	873,806	258,600	182	180	2,687,224	10,908	799,425	112	

## ELEVENTH DISTRICT.

160	11	160		2,500						4,000				L-1
	7	140		1,500						1,323				L-3
	8	100	100							3,000				L-7
	5	60		720						520				L-8
10	5	109		825						576				L-9
170	36	114	100	5,545						9,419				

## ELEVENTH DISTRICT.

4,510	1,558	68	155		5,975			2	1	33,857			5	S-1
-------	-------	----	-----	--	-------	--	--	---	---	--------	--	--	---	-----

## ELEVENTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine	All coal not sold including waste.
Saline.....	11	3,460,130	2,514,156	703,312	-----	52,307	54,681	135,674
White.....	1	33,857	16,621	-----	-----	11,168	4,510	1,558
Total.....	12	3,493,987	2,530,777	703,312	-----	63,475	59,191	137,232

## LOCAL MINES

Gallatin.....	13	34,003	-----	-----	-----	31,245	1,871	887
Pope.....	1	47	-----	-----	-----	47	-----	-----
Saline.....	24	37,427	-----	-----	-----	33,414	1,051	2,962
Wabash.....	5	9,419	-----	-----	-----	9,249	170	-----
Total.....	43	80,896	-----	-----	-----	73,955	3,092	3,849

## ALL MINES

Gallatin.....	13	34,003	-----	-----	-----	31,245	1,871	887
Pope.....	1	47	-----	-----	-----	47	-----	-----
Saline.....	35	3,497,557	2,514,156	703,312	-----	85,721	55,732	138,636
Wabash.....	5	9,419	-----	-----	-----	9,249	170	-----
White.....	1	33,857	16,621	-----	-----	11,168	4,510	1,558
Total.....	55	3,574,883	2,530,777	703,312	-----	137,430	62,283	141,081

## RECAPITULATION BY COUNTIES.

Total Em- ployees.	Days oper- ated.	Explosives used for blasting coal.				Number of—		Tons mined by—			Num- ber of animals under ground.
		Pow- der— kegs.	Pellet pow- der— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.	Min- ing ma- chines used.	Mo- tors in use.	Ma- chine.	Hand.	Stripp- ing.	
3,985 68	151 155	-----	128,725 5,975	873,806 -----	258,600 -----	176 2	180 1	2,672,930 33,857	-----	787,200 -----	95 5
4,053	151	-----	134,700	873,806	258,600	178	181	2,706,787	-----	787,200	100

## ELEVENTH DISTRICT.

85 2 107 36	105 12 114 114	376 ----- 1,015 100	5,350 75 3,950 5,545	----- ----- ----- -----	----- ----- ----- -----	3 ----- 6 -----	----- ----- ----- -----	27,245 ----- 14,294 -----	6,758 47 10,908 9,419	----- ----- 12,225 -----	18 ----- 16 -----
230	103	1,491	14,920	-----	-----	9	-----	41,539	27,132	12,225	34

## ELEVENTH DISTRICT.

85 2 4,092 36 68	105 12 135 114 155	376 ----- 1,015 100 -----	5,350 75 132,675 5,545 5,975	----- ----- 873,806 ----- -----	----- ----- 258,600 ----- -----	3 ----- 182 ----- 2	----- ----- 180 ----- 1	27,245 ----- 2,687,224 ----- 33,857	6,758 47 10,908 9,419 -----	----- ----- 799,425 ----- -----	18 ----- 111 ----- 5
4,283	115	1,491	149,620	873,806	258,600	187	181	2,748,326	27,132	799,425	134

## TWELFTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the Twelfth Inspection District comprising the coal producing counties of Johnson and Williamson for the year ending December 31, 1937.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years.

Respectfully submitted,  
FRED SCHOONOVER, *Inspector.*

## TWELFTH DISTRICT.

	1937	1936	1935	1934	1933
Number of counties producing coal .....	2	2	2	2	2
Number of shipping mines .....	15	19	20	18	19
Number of local mines .....	80	93	96	85	85
Number of employees underground .....	1,600	1,721	2,154	2,127	2,557
Number of employees on surface .....	619	622	726	583	561
Total number employed .....	2,309	2,343	2,880	2,710	3,118
Tons of coal produced in shipping mines .....	2,382,214	2,641,243	2,760,767	1,899,152	1,892,182
Tons of coal produced in local mines .....	436,910	351,995	235,037	191,667	145,452
Tons of coal produced, total .....	2,819,124	2,993,238	2,995,804	2,090,819	2,037,635
Days operated, shipping mines, average .....	134	138	145	143	109
Days operated, local mines, average .....	133	129	109	137	116
Number of undercutting machines .....	55	64	63	60	70
Tons undercut .....	1,933,027	1,983,343	2,213,113	1,676,385	1,760,346
Tons mined by hand .....	279,856	287,310	241,435	281,944	180,608
Tons mined in strip mines .....	606,241	722,585	541,256	132,490	90,681
Number of loading machines used .....	72	80	178	169	266
Tons loaded mechanically .....	1,452,474	1,358,978	1,574,572	1,235,986	1,617,509
Number of fatal accidents .....	9	5	9	7	10
Number of non-fatal accidents .....	95	145	176	147	164
Number of employees to each fatality .....	256	469	320	387	312
Number employed to each non-fatal accident .....	24.2	16.2	16.4	18.4	19
Tons of coal mined to each fatality .....	324,347	598,648	332,867	298,688	203,763
Tons mined to each non-fatal accident .....	30,728	20,643	17,022	14,223	12,425
Number fatalities per 1,000 employed .....	3.9	2.1	3.1	2.6	3.2
Number injured per 1,000 employed .....	41.3	62.0	61.1	54.2	52.6

## CHANGE OF NAME.

Blue Hill Coal Co. to Marvel Coal Co., Marion, Williamson County.

## SUSPENDED OPERATIONS.

Diamond Coal Co. No. 1, Herrin, Williamson County.

## ABANDONED MINES.

Jeffries Coal Co., No. 2, Cartersville, Williamson County.

## CHANGED TO LOCAL FROM SHIPPING.

Southern Jewel Coal Co., Marion, Williamson County.

## IDLE MINES.

Old Ben Coal Corp. No. 18, Johnston City, Williamson County.  
 Carterville Coal Mining Co., Carterville, Williamson County.

Carterville Peacock Coal Co. No. 2, Harrisburg, Williamson County.

Consolidated Coal Co. L. C., Johnston City, Williamson County.

Consolidated Coal Co. No. 8, Clifford, Williamson County.

Cosgrove Meehan Coal Co. No. 2, Pittsburg, Williamson County.

Cosgrove Meehan Coal Co. No. 3, Pittsburg, Williamson County.

Jacobs Coal Co., Marion, Williamson County.

• Madison Coal Corp. No. 12, Carterville, Williamson County.

Old Ben Coal Corp. No. 20, Herrin, Williamson County.

Peabody Coal Co. No. 25, Carterville, Williamson County.

Pendley & Wilkinson Coal Co., Marion, Williamson County.

Skaggs Coal Co., Herrin, Williamson County.

Sunrise Coal Co., Cambria, Williamson County.

## FATAL ACCIDENTS.

January 5, Charles Vengoni, miner, aged 65 years, widower, crushed by car in mine No. 7 of the Consolidated Coal Co. No dependents.

January 5, David J. Rogers, miner, aged 57 years, single, killed by fall of rock in mine No. 1 of the Franco Mining Corp. leaving dependent mother.

February 23, Joseph Oversby, loader, aged 64 years, married, killed by rolling coal in mine No. 1 of the Franco Mining Corp., leaving wife.

March 21, Ray Crain, triprider, aged 38 years, widower, crushed by cars in mine of Seymour Coal Mining Co., leaving one child.

October 1, William Podbielski, shift man, aged 46 years, married, killed by fall of slate in Bruce mine of the Wallace Coal Co., leaving wife.

October 20, Frank Aubell, Sr., loader, aged 61 years, married, killed by fall of rock in mine No. 1 of the Franco Mining Corp., leaving wife.

November 13, Ernest Marmonti, hand loader, aged 57 years, married, killed by fall of rock in mine of Seymour Coal Mining Co., leaving wife.

November 22, William Littlefair, miner, aged 57 years, married, killed by fall of rock in mine of Spillertown Mining Co., leaving wife.

December 16, William Andrew Smith, loader, aged 67 years, married, killed by fall of face coal in mine No. 1 of the Franco Mining Corp., leaving wife.

## FATAL ACCIDENTS, TWELFTH DISTRICT, 1937.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Oct. 20	Oct. 20	Frank Aubell, Sr.	61	Loader	Johnston City	Franco Mining Corp.	1	1	1	1	1	1	Fall of rock.
Feb. 10	Mar. 21	Ray Crain	38	Trip rider	Marion	Seymour Coal Mining Co.	---	---	---	---	---	---	Crushed by cars.
Nov. 22	Nov. 22	William Littlefair	57	Miner	Johnston City	Spillertown Mining Co.	---	---	---	---	---	---	Fall of rock.
Nov. 13	Nov. 13	Ernest Marmont	57	Loader	Herrin	Seymour Coal Mining Co.	---	---	---	---	---	---	Fall of rock.
Feb. 23	Feb. 23	Joseph Overshy	64	Loader	Johnston City	Franco Mining Corp.	---	---	---	---	---	---	Rolling coal.
Oct. 1	Oct. 1	William Podbielski	46	Shift man	West Frankfort	Wallace Coal Co.	Bruce	1	1	1	1	1	Fall of slate.
Jan. 5	Jan. 5	David J. Rogers	57	Miner	Stritz	Franco Mining Corp.	1	1	1	1	1	1	Fall of rock.
Dec. 16	Dec. 16	William Andrew Smith	67	Loader	Johnston City	Franco Mining Corp.	1	1	1	1	1	1	Fall of face coal.
1935													
Dec. 29	Jan. 5	Charles Vengoni	65	Miner	Herrin	Consolidated Coal Co.	7	1	1	1	1	1	Crushed by cars.

## NON-FATAL ACCIDENTS, TWELFTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	Number injured.
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.			
						Total.	Average.		Total.	Average.		
Consolidated Coal Co., No. 7	14	1	572	44	5	93	19	8	479	60	January	10
Delta Coal Mining Co.	3	1	94	31	2	29	15	1	65	65	February	8
Diamond Coal Co., No. 2	1	1	15	15	1	15	15				March	10
Forsyth Carterville Coal Co., No. 1	2	1	415	24	13	144	11	4	271	68	April	7
Franco Mining Corp., No. 1	17	1									May	5
W. J. Jeffries Coal Co., No. 3	1	1	15	15	1	15	15				June	5
McLaren Coal Co., No. 1	1	1	13	13							July	6
McLaren Coal Co., No. 2	1	1									August	6
Marvel Coal Co.	2	2									September	9
Seymour Coal Mining Co.	14	2	203	17	11	166	15	1	37	37	October	13
Wallace Coal Co.	8	2	97	16	5	48	10	1	49	49	November	9
Shipping mines	83	11	2,060	29	47	668	14	25	1,392	55	December	7
Local mines	12	1	211	19	10	117	12	1	94	94		
Total	95	12	2,271	27	57	785	14	26	1,486	57		95

## JOHNSON COUNTY

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
L-1	Fred Smith Coal Co.-----	Parker-----	135-----	-----	-----	-----	124-----

## WILLIAMSON COUNTY

<b>SHIPPING MINES.</b>							
S-1	Blue Hill Coal Co.....	Marion.....	32, 587	17, 410	13, 408	-----	319
S-1	*Marvel Coal Co.....	Pittsburg.....	18, 795	12, 020	5, 228	-----	109
S-2	Carterville Mining & Engineering Co.....	Carbondale.....	8, 187	8, 187	-----	-----	-----
S-3	Consolidated Coal Co., New Monarch.....	Herrin.....	665, 532	436, 849	173, 501	-----	13, 380
S-4	Delta Coal Mining Co.....	Marion.....	398, 351	304, 712	93, 639	-----	-----
S-5	Diamond Coal Co., No. 1.....	Herrin.....	400	400	-----	-----	-----
S-6	Diamond Coal Co., No. 2.....	Herrin.....	10, 190	10, 190	-----	-----	-----
S-7	Forsyth Carterville Coal Co., No. 1.....	Carterville.....	127, 397	105, 974	21, 423	-----	-----
S-8	Franco Mining Corp., No. 1.....	Johnston City.....	297, 984	194, 679	70, 739	-----	4, 200
S-9	Freeman Coal Mining Co.....	Herrin.....	287, 275	226, 548	54, 122	-----	925
S-10	Jeffries Coal Co., No. 3.....	Herrin.....	-----	-----	-----	-----	-----
S-13	McLaren Coal Co., No. 1.....	Carterville.....	80, 198	64, 499	15, 212	-----	487
S-14	McLaren Coal Co., No. 2.....	Carterville.....	-----	-----	-----	-----	-----
S-15	New Watson Coal Co.....	Herrin.....	14, 972	14, 972	-----	-----	-----
S-17	Seymour Coal Mining Co.....	Herrin.....	316, 102	188, 678	125, 872	-----	1, 552
S-19	Wallace Coal Co.....	Marion.....	124, 244	39, 658	79, 994	-----	-----
15 shipping mines total.....			2, 382, 214	1, 624, 776	653, 138	-----	20, 972

†Tonnage sold to Forsyth Carterville Coal Co. and included in its report.

††Tonnage included in report of McLaren Coal Co., No. 1.

<b>LOCAL MINES.</b>							
L-1	Peerless Coal Co.....	Cambria.....	21, 430	-----	-----	-----	20, 930
L-2	Blue Ribbon Coal Co., No. 2.....	Marion.....	46, 493	-----	-----	-----	44, 093
L-3	Moren Coal Co.....	Marion.....	27, 922	-----	-----	-----	25, 883
L-4	Rock Creek Coal Co.....	Marion.....	17, 680	-----	-----	-----	17, 680
L-5	Spillertown Mining Co.....	Johnston City.....	18, 127	-----	-----	-----	17, 577
L-6	Scott Coal Co.....	Marion.....	15, 512	-----	-----	-----	15, 512
L-7	Willow Springs Mine.....	Marion.....	14, 078	-----	-----	-----	14, 078
L-8	Vallie Corder.....	Marion.....	8, 603	-----	-----	-----	8, 603
L-9	Ogmore Coal Co.....	Cambria.....	8, 074	-----	-----	-----	7, 286
L-10	Springhart Coal Co., No. 2.....	Marion.....	7, 586	-----	-----	-----	7, 586
L-11	Putney Bros. Coal Co.....	Marion.....	375	-----	-----	-----	375
L-12	Johns Coal Co.....	Cambria.....	2, 974	-----	-----	-----	2, 974
L-13	Ray Hendrickson.....	Marion.....	5, 026	-----	-----	-----	4, 886
L-14	Askew-White Coal Co.....	Marion.....	9, 500	-----	-----	-----	9, 500
L-15	Will Sizemore.....	Carterville.....	3, 707	-----	-----	-----	3, 707
L-16	Thomas Coal Co.....	Marion.....	2, 085	-----	-----	-----	2, 085
L-17	Dogwood Coal Co.....	Herrin.....	5, 982	-----	-----	-----	5, 882
L-18	Walnut Valley Coal Co., No. 1.....	Marion.....	4, 606	-----	-----	-----	4, 606
L-19	Consumers Coal & Materials Co., No. 1.....	Marion.....	9, 027	-----	-----	-----	9, 027
L-20	Cedar Hill Coal Co.....	Marion.....	11, 940	-----	-----	-----	11, 940
L-21	B. & L. Coal Co.....	Marion.....	1, 915	-----	-----	-----	1, 903
L-22	Brown & Roberts.....	Marion.....	5, 152	-----	-----	-----	3, 864
L-23	Equator Coal Co.....	Marion.....	9, 040	-----	-----	-----	9, 040
L-24	Sims Coal Co.....	Marion.....	13, 042	-----	-----	-----	13, 042
L-25	Guy Pulley, No. 1.....	Marion.....	1, 200	-----	-----	-----	1, 200
L-26	Sunnybrook Coal Co.....	Marion.....	8, 000	-----	-----	-----	8, 000
L-27	Gresham Coal Co.....	Marion.....	740	-----	-----	-----	740

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.



## TWELFTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kgs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
11	-----	2	31	7	-----	-----	-----	-----	-----	-----	135	-----	-----	L-1

## TWELFTH DISTRICT.

1,160	290	100	58	-----	-----	-----	1,500	3	1	32,587	-----	-----	6	S-1
870	568	98	35	-----	1,450	-----	1,800	3	1	18,795	-----	-----	5	S-1
-----	-----	25	169	-----	2,500	-----	-----	-----	-----	-----	-----	8,187	-----	S-2
22,690	19,112	368	191	-----	-----	-----	158,700	14	21	665,532	-----	-----	-----	S-3
-----	-----	90	184	-----	22,800	-----	-----	-----	-----	-----	400	398,351	-----	S-4
-----	-----	12	7	50	-----	-----	-----	-----	-----	-----	-----	-----	-----	S-5
-----	-----	9	102	-----	250	100	-----	-----	-----	-----	-----	10,190	-----	S-6
-----	-----	27	165	-----	20,000	-----	-----	-----	-----	-----	-----	115,345	-----	S-7
19,377	8,989	335	175	-----	-----	-----	45,275	10	13	297,984	-----	-----	-----	S-8
120	5,560	268	149	-----	-----	-----	43,325	4	6	287,275	-----	-----	-----	S-9
-----	-----	11	187	-----	7,650	-----	-----	-----	-----	-----	12,052	-----	-----	S-10
-----	-----	33	81	-----	2,300	-----	-----	-----	-----	-----	-----	62,955	-----	S-13
-----	-----	13	81	-----	11,000	-----	-----	2	3	17,243	-----	-----	-----	S-14
-----	-----	32	110	1,250	-----	-----	-----	-----	-----	14,972	-----	-----	-----	S-15
-----	363	148	148	-----	50,375	-----	37,250	5	8	316,102	-----	-----	-----	S-17
-----	4,592	60	169	-----	65,000	-----	-----	2	1	124,244	-----	-----	-----	S-19
44,217	39,111	1,685	134	1,300	183,025	100	287,850	40	53	1,750,762	27,424	595,028	26	-----
500	-----	22	170	650	-----	-----	-----	1	-----	6,430	15,000	-----	2	L-1
-----	2,400	38	200	414	-----	-----	-----	2	-----	46,493	-----	-----	7	L-2
814	1,225	31	208	-----	6,500	-----	-----	1	-----	27,922	-----	-----	3	L-3
-----	-----	14	291	-----	16,060	-----	-----	-----	-----	-----	17,680	-----	-----	L-4
550	-----	26	188	-----	2,930	-----	-----	1	-----	18,127	-----	-----	5	L-5
-----	-----	10	300	765	-----	-----	-----	-----	-----	-----	15,512	-----	2	L-6
-----	-----	11	271	782	-----	-----	-----	-----	-----	-----	14,078	-----	3	L-7
-----	-----	12	160	420	-----	-----	-----	1	-----	8,603	-----	-----	4	L-8
-----	788	12	176	433	-----	-----	-----	-----	-----	-----	8,074	-----	3	L-9
-----	-----	7	200	542	-----	-----	-----	-----	-----	-----	7,586	-----	3	L-10
-----	-----	1	26	-----	500	-----	-----	-----	-----	-----	-----	375	-----	L-11
-----	-----	5	74	117	-----	-----	-----	-----	-----	-----	2,974	-----	1	L-12
140	-----	9	249	400	-----	-----	-----	-----	-----	-----	5,026	-----	2	L-13
-----	-----	6	202	-----	4,700	-----	-----	-----	-----	-----	9,500	-----	1	L-14
-----	-----	6	135	113	-----	-----	-----	-----	-----	-----	3,707	-----	1	L-15
-----	-----	8	65	-----	3,300	-----	-----	-----	-----	-----	2,085	-----	1	L-16
100	-----	13	155	399	-----	-----	-----	1	-----	1,495	4,487	-----	1	L-17
-----	-----	8	138	186	-----	-----	-----	-----	-----	-----	4,606	-----	1	L-18
-----	-----	5	188	180	900	-----	-----	-----	-----	-----	-----	9,027	-----	L-19
-----	-----	8	200	796	-----	-----	-----	-----	-----	-----	11,940	-----	2	L-20
12	-----	6	121	-----	1,020	-----	-----	-----	-----	-----	1,915	-----	-----	L-21
-----	1,288	6	190	-----	5,000	-----	-----	-----	-----	-----	5,152	-----	2	L-22
-----	-----	12	251	-----	2,350	-----	-----	-----	-----	-----	9,040	-----	5	L-23
-----	-----	11	263	200	-----	-----	-----	1	-----	13,042	-----	-----	2	L-24
-----	-----	5	40	48	-----	-----	-----	-----	-----	-----	1,200	-----	1	L-25
-----	-----	9	208	-----	3,000	-----	-----	-----	-----	-----	8,000	-----	2	L-26
-----	-----	5	78	200	-----	-----	-----	1	-----	612	128	-----	2	L-27

Mine index number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
L-28	Quality Coal Co.	Marion	4,500				3,700
L-29	Newton Brayfield	Carbondale	6,117				4,891
L-30	Jesse Wilson Coal Co.	Marion	1,000				1,000
L-31	Square Deal Coal Co.	Marion	843				843
L-32	Moore & Sons	Marion	13,957				13,957
L-33	New Black Diamond Coal Co., No. 4	Marion	30,540				30,420
L-34	Ozark Minerals Coal Co.	Marion	4,304				4,304
L-35	Charles Burch Coal Co.	Marion	562				562
L-36	Blue Blaze Coal Co.	Marion	1,640				1,590
L-37	Hill Coal Co.	Marion	700				690
L-38	Bart McNeill	Herrin	1,500				1,500
L-40	Chas. J. Bruce	Marion	2,750				2,500
L-41	Helm Coal Co., No. 3	Marion	296				205
L-42	Jesse Ozment	Marion	3,574				3,574
L-43	Wyatt Coal Co.	Herrin	1,829				1,719
L-44	A. O. Strobel	Marion	2,801				2,436
L-45	Motsinger & Harris	Pittsburg	6,030				6,018
L-46	Black Diamond Coal Co.	Marion	1,900				1,600
L-48	Zeiglers Coal Co.	Marion	200				100
L-51	New Carbondale Coal Co.	Blairsville	1,000				775
L-51	* I. D. Gosnell	Blairsville	199				169
L-52	Carter Coal Co.	Cartersville	3,329				3,000
L-53	Hickey Mine	Marion	4,000				3,660
L-54	* Beltz Coal Co.	Cartersville	750				500
L-54	* Buckner Coal Co.	Marion	800				700
L-55	Consumers Coal & Materials Co., No. 2	Marion	2,768				2,768
L-56	* Prosperity Coal Co.	Marion	100				100
L-56	* Towery Bros.	Marion	1,337				1,297
L-57	Albert Singley & Son	Cambria	184				184
L-58	Mitchell Coal Co.	Marion	13,399				13,389
L-61	Lewis West	Marion	2,038				1,998
L-62	Young Bros.	Cartersville	230				200
L-63	Rushing Coal Co.	Cartersville	2,500				2,000
L-65	Wilson Coal Co.	Herrin	5,992				5,992
L-66	Sims-Harris Coal Co.	Marion	5,635				5,235
L-69	Weisbrodt Coal Co.	Marion	310				270
L-72	Cambria Coal Co.	Cambria	4,842				4,602
L-73	White Heat Coal Co.	Johnston City	165				145
L-73	* Hickory Dell Coal Co.	Marion	500				500
L-75	Two Way Coal Co.	Marion	350				290
L-76	Yates Coal Co.	Crainville	800				785
L-77	Stroud Coal Co.	Marion	250				250
L-78	Wilkinson Coal Co.	Marion	142				142
L-80	Gabriel Coal Co.	Marion	310				310
L-82	Pinnacle Coal Co.	Cartersville	225				225
L-83	McDannel & Matthews	Marion	100				100
L-86	Phillip Fulkerson, No. 1	Marion	35				20
L-87	Hampton Coal Co.	Cartersville	50				25
L-88	W. H. B. Coal Co.	Marion	4,024				3,844
L-91	Roy Atwood	Marion	1,331				1,000
L-94	John G. Thomas	Marion	2,925				2,925
L-101	Norris Coal Co.	Marion	709				692
L-102	Pea Ridge Coal Co.	Cartersville	400				400
L-103	Guy Pulley Coal Co., No. 2	Marion	3,000				3,000
L-109	Chaney Coal Co.	Marion	1,170				1,170
L-125	Southern Jewel Coal Co., No. 1	Marion	3,017				3,017
79 local mines total			436,775				422,287
94 all mines total			2,818,989	1,624,776	653,138		443,259

\* Number of employees, mining machines, motors and animals underground averaged account different management same mine.

## TWELFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Mine index number.	
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.						
800		9	160		2,400						4,500		2	L-28	
75	1,151	10	212	311							6,117		2	L-29	
		5	40	40							1,000		2	L-30	
		6	56	42							843		1	L-31	
		12	208		2,850			1	1	13,957			1	L-32	
20	100	35	200		6,576			3		30,540			8	L-33	
		4	215		4,400						4,304		1	L-34	
		3	102		750						562		1	L-35	
50		7	55	137							1,640		1	L-36	
10		3	85	24							700		1	L-37	
		4	150	304							1,500		1	L-38	
250		6	180	200							2,750		1	L-40	
	91	4	23	17							296		1	L-41	
		10	129	212							3,574		1	L-42	
20	90	3	150	80							1,829		1	L-43	
15	350	4	195		3,250						2,801		1	L-44	
12		7	294	400							6,030		1	L-45	
	300	7	90		1,900						1,900		2	L-46	
51	50	6	25	15							200			L-48	
100	125	8	60	30							1,000		1	L-51	
30		6	11	17							199		1	L-51	
	329	4	100	135							3,329		1	L-52	
40	300	6	146		4,000						4,000		1	L-53	
25	225	5	66	75							750		1	L-54	
100		4	110	22	400						800		1	L-54	
		5	109	94	400						2,768		1	L-55	
		4	10	8							100		1	L-56	
40		3	140		1,330						1,337		1	L-56	
		4	31	20							184		1	L-57	
10		11	269	535							13,399		2	L-58	
40		6	142		3,085						2,038		1	L-61	
30		2	40	5								230		L-62	
	500	7	175	150							2,500		2	L-63	
		12	200	600							8,992		3	L-65	
400		8	120	70				1		5,635			1	L-66	
40		2	70	8							310		1	L-69	
240		10	227	305							4,842		1	L-72	
20		3	33	11							165		1	L-73	
		4	34	17							500		1	L-73	
45	15	4	50	15							350		1	L-75	
15		4	100	53							800			L-76	
		2	50	5								250			L-77
		2	29	7							142		1	L-78	
		2	51		450						310		1	L-80	
		4	25		225						225		1	L-82	
		2	10	7							100		1	L-83	
	15	4	5	3							35		2	L-86	
	25	3	10	1							50			L-87	
180		5	238		5,200						4,024		1	L-88	
	331	2	40	9								1,331			L-91
		10	97	160							2,925		2	L-94	
		9	58	30				1		409			1	L-101	
		3	45	40							400		1	L-102	
		5	150	300							3,000		1	L-103	
		5	85		2,250						1,170		1	L-109	
		9	139		3,200						3,017		2	L-126	
4,790	9,698	622	134	11,159	88,866			15	1	173,265	252,297	11,213	124		
49,007	48,809	2,307	134	12,459	271,891	100	287,850	55	54	1,920,975	279,721	618,293	150		

## TWELFTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Williamson .....	15	2,382,214	1,624,776	653,138	-----	20,972	44,217	39,111
Total .....	15	2,382,214	1,624,776	653,138	-----	20,972	44,217	39,111

## LOCAL MINES

Johnson .....	1	135	-----	-----	-----	124	11	-----
Williamson .....	79	436,775	-----	-----	-----	422,287	4,790	9,698
Total .....	80	436,910	-----	-----	-----	422,411	4,801	9,698

## ALL MINES

Johnson .....	1	135	-----	-----	-----	124	11	-----
Williamson .....	94	2,818,989	1,624,776	653,138	-----	443,259	49,007	48,809
Total .....	95	2,819,124	1,624,776	653,138	-----	443,383	49,018	48,809

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of—		Tons mined by—			Number of animals under ground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.	Mining machines used.	Motors in use.	Machine.	Hand.	Stripping.	
1,685	134	1,300	183,025	100	287,850	40	53	1,759,762	27,424	595,028	26

## TWELFTH DISTRICT.

2	34	7							135		
622	134	11,159	88,866			15	1	173,265	252,297	11,213	124
624	133	11,166	88,866			15	1	173,265	252,432	11,213	124

## TWELFTH DISTRICT.

2	34	7							135		
2,307	134	12,459	271,891	100	287,850	55	54	1,933,027	279,721	606,241	150
2,309	133	12,466	271,891	100	287,850	55	54	1,933,027	279,856	606,241	150



---

## SUPPLEMENT.

---

Report of Division of Inspection.

Report of Division of Miners' Examination.

Report of Division of Mine Rescue.

Report of Division of Economic Investigation.

Report of Division of Fluorspar.

Report of State Mining Board.

List of candidates issued certificates of competency as State Mine Inspectors, Mine Managers, Mine Examiners and Hoisting Engineers.

---





## REPORT OF DIVISION OF INSPECTION.

The report of the services rendered by the State Inspectors of Mines is shown as follows:

Days inspecting mines.....	1,371
Other classified service.....	947
Miscellaneous service .....	1,335
<b>Total days</b> .....	<b>3,653</b>
Average days for each inspector.....	304
Average days inspection mines.....	114
Average days in other classified service.....	79
Average days in miscellaneous service.....	111
Number of inspections made.....	1,652
Average inspections for each inspector.....	138



DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF  
CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED.

Date.	Place of meeting	Number of successful candidates.	Number of certificates issued.	Fees collected.
Jan.	5 LaSalle.....	16	16	\$32.00
	6 Galesburg.....	9	9	18.00
	7 Canton.....	28	28	56.00
	8 Peoria.....	15	15	30.00
	12 Edwardsville.....	1	1	2.00
	13 West Frankfort.....	20	20	40.00
	14 Carbondale.....	12	12	24.00
	15 Belleville.....	10	10	20.00
	19 Danville.....	9	9	18.00
	20 Paris.....	1	1	2.00
	21 Taylorville.....	4	4	8.00
	22 Springfield.....	9	9	18.00
Feb.	2 LaSalle.....	17	17	34.00
	3 Rock Island.....	11	11	22.00
	4 Kewanee.....	6	6	12.00
	5 Peoria.....	16	16	32.00
	9 Edwardsville.....	2	2	4.00
	10 West Frankfort.....	7	7	14.00
	11 Herrin.....	5	5	10.00
	12 Belleville.....	14	14	28.00
	16 Danville.....	6	6	12.00
	17 Decatur.....	11	11	22.00
	18 Taylorville.....	6	6	12.00
	19 Springfield.....	6	6	12.00
Mar.	2 LaSalle.....	4	4	8.00
	3 Galesburg.....	14	14	28.00
	4 Canton.....	12	12	24.00
	5 Peoria.....	8	8	16.00
	9 Edwardsville.....			
	10 West Frankfort.....	16	16	32.00
	11 Harrisburg.....	4	4	8.00
	12 Belleville.....	9	9	18.00
	16 Danville.....	7	7	14.00
	17 Shelbyville.....			
	18 Taylorville.....	6	6	12.00
	19 Springfield.....	10	10	20.00
Apr.	7 LaSalle.....	4	4	8.00
	8 Rock Island.....	5	5	10.00
	9 Canton.....	6	6	12.00
	10 Peoria.....	6	6	12.00
	14 Gillespie.....	1	1	2.00
	15 West Frankfort.....	23	23	46.00
	16 DuQuoin.....	9	9	18.00
	17 Belleville.....	10	10	20.00
	21 Danville.....	6	6	12.00
	22 Paris.....	1	1	2.00
	23 Taylorville.....	2	2	4.00
	24 Springfield.....	7	7	14.00
May	4 LaSalle.....			
	5 Galesburg.....			
	6 Canton.....	1	1	2.00
	7 Peoria.....	6	6	12.00
	11 Edwardsville.....	1	1	2.00
	12 West Frankfort.....	8	8	16.00
	13 Centralia.....	1	1	2.00
	14 Belleville.....	1	1	2.00
	18 Danville.....	7	7	14.00
	19 Decatur.....			
	20 Taylorville.....	2	2	4.00
	21 Springfield.....			
June	2 Roodhouse.....			
	3 Mt. Sterling.....	1	1	2.00
	4 Macomb.....	2	2	4.00
	5 Peoria.....	2	2	4.00
	8 Benld.....			
	9 West Frankfort.....	8	8	16.00
	10 Harrisburg.....	3	3	6.00
	11 Sparta.....	10	10	20.00
	12 Belleville.....	4	4	8.00
	15 Danville.....	12	12	24.00
	16 Taylorville.....	3	3	6.00
	17 Springfield.....	5	5	10.00
July	No meetings held.			

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF CERTIFICATES  
ISSUED AND AMOUNT OF FEES COLLECTED—Concluded.

Date.	Place of meeting.	Number of successful candidates.	Number of certificates issued.	Fees collected.
Aug.	3 LaSalle.....	3	3	\$ 6.00
	4 Galesburg.....	2	2	4.00
	5 Canton.....	3	3	6.00
	6 Peoria.....	5	5	10.00
	10 Edwardsville.....	6	6	12.00
	11 West Frankfort.....	7	7	14.00
	12 Eldorado.....	11	11	22.00
	13 Centralia.....	0	0	-----
	14 Belleville.....	1	1	2.00
	17 Danville.....	4	4	8.00
	18 Pana.....	1	1	2.00
	20 Springfield.....	11	11	22.00
	7 LaSalle.....	10	10	20.00
	8 Rock Island.....	9	9	18.00
Sept.	9 Farmington.....	7	7	14.00
	10 Peoria.....	7	7	14.00
	14 Edwardsville.....	5	5	10.00
	15 West Frankfort.....	6	6	12.00
	16 Harrisburg.....	9	9	18.00
	17 Belleville.....	6	6	12.00
	21 Danville.....	13	13	26.00
	22 Paris.....	2	2	4.00
	23 Taylorville.....	5	5	10.00
	24 Springfield.....	8	8	16.00
	5 Peoria.....	23	23	46.00
	6 South Wilmington.....	2	2	4.00
	7 Danville.....	7	7	14.00
	8 Decatur.....	21	21	42.00
Oct.	12 Edwardsville.....	1	1	2.00
	13 West Frankfort.....	7	7	14.00
	14 DuQuoin.....	19	19	38.00
	15 Belleville.....	6	6	12.00
	19 Roodhouse.....	11	11	22.00
	20 Rushville.....	7	7	14.00
	21 Taylorville.....	5	5	10.00
	22 Springfield.....	18	18	36.00
	2 Edwardsville.....	5	5	10.00
	3 West Frankfort.....	6	6	12.00
	4 Harrisburg.....	7	7	14.00
	5 Mt. Carmel.....	14	14	28.00
	6 Belleville.....	5	5	10.00
	9 LaSalle.....	12	12	24.00
Nov.	10 Kewanee.....	34	34	68.00
	11 Canton.....	14	14	28.00
	12 Peoria.....	24	24	48.00
	16 Danville.....	2	2	4.00
	17 Shelbyville.....	1	1	2.00
	18 Springfield.....	6	6	12.00
	2 Danville.....	5	5	10.00
	3 Decatur.....	5	5	10.00
	4 Springfield.....	9	9	18.00
	7 Edwardsville.....	1	1	2.00
	8 West Frankfort.....	4	4	8.00
	9 Herrin.....	9	9	18.00
	10 Sparta.....	12	12	24.00
	11 Belleville.....	9	9	18.00
Dec.	14 LaSalle.....	3	3	6.00
	15 Rock Island.....	24	24	48.00
	16 Galesburg.....	1	1	2.00
	17 Peoria.....	19	19	38.00
	Totals.....	987	987	\$1,974.00

## SUMMARY.

Place of meeting	Meetings held.	Successful candidates.	Certificates issued.	Amount of fees collected.
Belleville.....	11	75	75	\$150.00
Benld.....	1			
Canton.....	6	64	64	128.00
Carbondale.....	1	12	12	24.00
Centralla.....	2	1	1	2.00
Danville.....	11	78	78	156.00
Decatur.....	4	37	37	74.00
DuQuoin.....	2	28	28	56.00
Eldorado.....	1	11	11	22.00
Edwardsville.....	9	22	22	44.00
Farmington.....	1	7	7	14.00
Galesburg.....	5	26	26	52.00
Gillespie.....	1	1	1	2.00
Harrisburg.....	4	23	23	46.00
Herrin.....	2	14	14	28.00
Kewanee.....	2	40	40	80.00
LaSalle.....	9	69	69	138.00
Macomb.....	1	2	2	4.00
Mt. Carmel.....	1	14	14	28.00
Mt Sterling.....	1	1	1	2.00
Pana.....	1	1	1	2.00
Paris.....	3	4	4	8.00
Peoria.....	11	131	131	262.00
Rock Island.....	4	49	49	98.00
Roodhouse.....	2	11	11	22.00
Rushville.....	1	7	7	14.00
Shelbyville.....	2	1	1	2.00
South Wilmington.....	1	2	2	4.00
Sparta.....	2	22	22	44.00
Springfield.....	11	89	89	178.00
Taylorville.....	8	33	33	66.00
West Frankfort.....	11	112	112	224.00
Total.....	132	987	987	\$1,974.00

No meetings held in July, 1937.

## DIVISION OF MINE RESCUE STATIONS.

### FIRST AID AND MINE RESCUE TRAINING.

Below is a tabulation of the candidates trained in first aid and mine rescue at Illinois Mine Rescue Stations:

	First aid	Mine Rescue.	Station totals.
Belleville.....	203	9	212
Benton.....	1,366	95	1,461
DuQuoin.....	847	17	864
Eldorado.....	1,041	10	1,051
Herrin.....	335	8	343
Johnston City.....	410	18	428
LaSalle.....	305	27	332
Springfield.....	3,223	167	3,390
Totals.....	7,730	351	8,081

### ONE HUNDRED PER CENT FIRST AID TRAINING.

During the year 1937, the following companies or organizations completed One Hundred Per Cent First Aid Training campaigns:

Belleville Police Department.  
 Consolidated Coal Co., New Monarch Mine.  
 Illinois-Indiana Division Steel Pipe Line Corp.  
 Murphysboro Fire Department.  
 Peabody Coal Co., Carter Processing Plant.  
 Peabody Coal Co., Midland District.  
 Peabody Coal Co., Mine No. 43.  
 Peabody Coal Co., Mine No. 47.

### BENTON STATION.

(Condensed from reports)

November 23—Call with inhalator about 4 P. M., to Peabody Coal Co. No. 18 mine, at West Frankfort and worked without success four hours and fifteen minutes trying to revive William L. Morissey, victim of electrocution while climbing into mantrip.

### BELLEVILLE STATION.

(Condensed from reports)

March 12—Called to Edelmann's Bakery, West Main St., Belleville, on complaint of gas odor. Tested thoroughly with CO-Detector, finding nothing.

June 3—Call for inhalator. Boy drowned in lake at Eureka Stove Foundry, O'Fallon. Body recovered soon after my arrival

after being submerged 45 minutes. With the aid of men who had recently completed our first aid training at O'Fallon, worked on the boy with inhalator and artificial respiration for almost two hours. Doctor pronounced him dead.

#### DUQUOIN STATION.

(Condensed from reports)

June 6—Called about noon seven miles north of DuQuoin with inhalator. Three-year-old boy had fallen in a well. He had been in the well about one-half hour before being discovered. Used inhalator about two hours when doctor pronounced him dead.

December 5—Called to Mine No. 5, Pinckneyville, Man lost in mine. Tuesday morning, December 7, man came out of Mine No. 6.

#### ELDORADO STATION.

(Condensed from reports)

February 23—Called to Eldorado Emergency Hospital with inhalator to aid in recovery of pneumonia victim, a child, who succumbed later to other complications.

#### HERRIN STATION.

(Condensed from reports)

August 9—Called to assist in search for man lost in Thomas mine at Marion.

#### SPRINGFIELD STATION.

(Condensed from reports)

March 23—Mine fire Black Eagle Coal Co., two miles west of Canton. Fire area was sealed and team returned to station March 24.

July 7—Call received from Coroner at Danville, to Black Diamond Mine, 2½ miles west of Hilery. Two men overcome by black damp in air shaft. They were brought out dead by County Mine Inspector Blakeney just before we arrived.

August 1—Safety inspection mine fire at Virden by superintendent.

August 12—Explosion at Municipal Water Works, Clinton. Made examination and advised officials.

October 18—Explosion at City Water Works, Normal. Two men burned by explosion. Made examination and advised officials.

November 10—Gas inspection. Illinois Soldiers and Sailors Children's School, Normal.

December 9—Mine fire Johnson Valley Coal Co., Middletown. Fire was sealed.

During the year, many requests were received from schools and cities to examine for methane gas and these requests were answered and those in charge advised.

## REPORT OF DIVISION OF ECONOMIC INVESTIGATION.

The following tables will show the activities of the various industries under this division :

TABLE 1—LIMESTONE.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Alpha Portland Cement Co.	LaSalle.	LaSalle.	200,473	157	225	---	46,125	---	---
2	Anna Quarries, Inc.	Anna.	Union.	147,967	20	156	---	30,000	---	11
3	Bean & Masters.	Golconda.	Hardin.	26,705	14	275	---	6,450	---	1
4	Brown Co., Highway Dept.	Mt. Sterling.	Brown.	8,000	30	240	---	4,000	---	---
5	Brownfield & Wright Quarry Co.	Ava.	Jackson.	3,100	7	90	---	500	---	---
6	Carey-Collinson Const. Co.	Moline.	Mercer.	21,000	30	57	---	3,400	---	2
7	City of Rockford, Eng. Dept.	Rockford.	Winnebago.	38,713	66	250	---	8,065	---	6
8	Columbia Quarry Co.	Valmeyer.	Monroe.	131,150	88	255	---	70,000	---	3
9	Columbia Quarry Co.	Columbia.	St. Clair.	351,414	104	254	---	110,375	---	---
10	Elmhurst Chicago Stone Co.	Elmhurst.	DuPage.	169,115	18	130	---	42,900	---	8
11	Henry Gray.	Hamilton.	Hancock.	8,000	7	220	---	2,000	---	1
12	Illinois Limestone Co.	Springfield.	Clark.	12,000	6	105	---	1,550	---	---
13	Illinois State Penitentiary	Menard.	Randolph.	45,890	675	235	---	6,000	---	---
14	Lehigh Portland Cement Co.	Oglesby.	LaSalle.	234,882	294	196	---	65,000	---	1
15	Lehigh Stone Company	Kankakee.	Kankakee.	313,800	75	208	---	82,600	---	14
16	Lincoln Crushed Stone Co.	Joliet.	Will.	235,000	22	300	---	100,400	---	6
17	McDonough County Highway.	Macomb.	McDonough.	20,000	43	125	---	10,000	---	---
18	Macoun County Highway Dept.	Carlinville.	Madison.	20,000	100	150	---	6,000	---	1
19	Marquette Cement Mfg. Co.	LaSalle.	LaSalle.	980,665	560	290	---	275,757	---	4
20	Mississippi Lime Co.	Alton.	Warren.	346,000	45	287	---	75,000	---	6
21	Monmouth Stone Co.	Monmouth.	Kendall.	20,000	20	200	---	8,500	---	---
22	Morris Limestone Products Co.	Morris.	Will.	28,000	7	110	---	3,500	---	---
23	National Stone Co.	Joliet.	Washington.	169,499	35	113	---	54,000	---	23
24	New Minden Limestone Co.	New Minden.	LaSalle.	2,500	7	100	---	100	---	---
25	Ed. Ryan, Etal.	Tonka.	Greene.	350	5	50	---	200	---	---
26	Patterson Township.	Whitehall.	Livingston.	9,800	36	170	---	3,000	---	---
27	Pontiac Township.	Pontiac.	Quincy.	6,751	14	136	---	2,150	---	---
28	Quincy Crane Service Co.	Quincy.	Adams.	---	---	---	---	---	---	---
29	E. F. Reber.	Byron.	Ogle.	1,000	6	40	---	---	---	---
30	Riverside Lime & Stone Co.	Chicago.	Cook.	2,200	35	200	---	50,000	---	15
31	Rockford Township.	Rockford.	Winnebago.	10,625	6	60	---	6,000	---	---
32	Saunton Tile & Lbr. Co.	Jerseyville.	Jersey.	13,281	9	300	---	---	---	1



TABLE 2—OIL AND GAS.

No.	Name of operator.	Post office address of the operator.	County in which the well is located	Number of wells.	Production.	Number employed.	Explosives—nitro-glycerine, quarts.	Accidents—non-fatal.
					Oil—barrels.	Gas—per 1,000 cu. ft.		
33	St. Clair County, Highway.	Belleville	St. Clair	70	180	-----	10, 120	-----
34	St. Clair County Work House.	Belleville	St. Clair	30	120	-----	800	-----
35	The Black-White Lime Co.	Quincy	Adams	20	300	-----	12, 000	-----
36	U. S. Gypsum Co.	Cordova	Rock Island	9	52, 522	-----	13, 600	-----
37	Wachtel & Armstrong.	Hecker	St. Clair	6	3, 339	-----	500	-----
38	Weber's Quarry.	Hecker	St. Clair	6	800	-----	400	-----
39	Western Quarries Co.	Chicago.	Cook	25	100	-----	1, 000	-----
	Total.			2, 707 A	175	-----	1, 111, 492	1
			3, 698, 984					113

A=Average.

No.	Name of operator.	Post office address of the operator.	County in which the well is located	Number of wells.	Production.	Number employed.	Explosives—nitro-glycerine, quarts.	Accidents—non-fatal.
					Oil—barrels.	Gas—per 1,000 cu. ft.		
1	American Oil Development Co.	1601 Oliver Bldg., Pittsburgh, Pa.	Crawford	99	25, 078	-----	12	-----
2	Arkansas Fuel Oil Co.	Slattery Bldg., Shreveport, La.	Crawford	85	24, 021	10, 220	7	-----
3	Bell Bros.	Robinson, Ill.	Crawford	51	8, 748	-----	3	-----
4	Bell Bros.	Robinson, Ill.	Cumberland	39	2, 806	-----	1	-----
5	Bell Bros.	Robinson, Ill.	Walash	1	448	-----	2	-----
6	Bond County Gas Co.	Greenville, Ill.	Bond	7	-----	13, 353	2	-----
7	Bradford Oil Corp.	Robinson, Ill.	Crawford	11	4, 129	-----	3	-----
8	Breen Oil Co.	Malvin, Ill.	Walash	4	1, 595	-----	1	-----
9	Breuneman & MacDonnell	312 S. Cole St., Lima, Ohio	Crawford	98	13, 508	-----	10	-----
10	Cartier Oil Co.	Mattoon, Ill.	Crawford	4	91, 139	45, 569	13	-----
11	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Richland	81	16, 793	-----	8	-----
12	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Lawrence	9	2, 808	-----	1	-----
13	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Walash	1	149	-----	1	-----
14	Dinsmoor Oil Co.	St. Marys, W. Va.	Clark	73	10, 750	-----	4	-----
15	Dinsmoor Oil Co.	St. Marys, W. Va.	Crawford	190	47, 296	-----	222	-----
16	Dinsmoor Oil Co.	St. Marys, W. Va.	Lawrence	10	1, 157	-----	1	-----
17	Dinsmoor Oil Co.	St. Marys, W. Va.	Cumberland	26	3, 792	-----	3	-----
18	M. L. Dorsey	402 S. Franklin, Robinson, Ill.	Crawford	11	1, 010	-----	1	-----
19	Gee Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence	13	17	-----	2	-----
20	Kewanee Oil Co.	Box 499, Titusville, Pa.	Crawford	226	50, 641	-----	20	-----
21	Kewanee Oil Co.	Box 499, Titusville, Pa.	Clark	42	6, 665	-----	2	-----
22	Kewanee Oil Co.	Box 499, Titusville, Pa.	Lawrence	39	14, 428	-----	4	-----

TABLE 2—OIL AND GAS—Concluded.

No.	Name of operator.	Post office address of the operator.	County in which the well is located.	Number of wells.	Production.		Number employed.	Explosives—nitro-glycerine, quarts.	Accidents—non-fatal.
					Oil—barrels.	Gas—per 1,000 cu. ft.			
23	H. C. Kraft & Co.	Oblong, Ill.	Cumberland	5	143		1		
24	Leighry Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence	10	29		2		
25	Liberty Oil & Gas Co.	Savings Bank Bldg., Warren, Pa.	Crawford	32	5,195		2		
26	Mt. Carmel Oil Co.	421 Market St., Mt. Carmel, Ill.	Wabash	17	15		1		
27	Mary L. Mason, et al.	190 Lake St., Elmhurst, N. Y.	Lawrence	17	12,905		2		
28	M. M. & T. T. Co.	404 Perrine St., Centralia, Ill.	Marion	16	4,714		2		
29	National Refining Co.	Hanna Bldg., Cleveland, Ohio	Clark	14	2,523		2		
30	National Refining Co.	Hanna Bldg., Cleveland, Ohio	Crawford	103	9,227		2		
31	New York Petroleum Co.	Box 568, Parkersburg, W. Va.	Crawford	56	140,510	50	1		
32	Ohio Oil Co.	539 S. Main St., Findlay, O.	Clark	566	85,910	87,202	40		1
33	Ohio Oil Co.	539 S. Main St., Findlay, O.	Cumberland	536	85,910				
34	Ohio Oil Co.	539 S. Main St., Findlay, O.	Marion	19	97,697				
35	Ohio Oil Co.	539 S. Main St., Findlay, O.	Clinon	79	37,688		120		1
36	Ohio Oil Co.	539 S. Main St., Findlay, O.	St. Clair	30	33,012				
37	Ohio Oil Co.	539 S. Main St., Findlay, O.	McDonough	210	131,703		20		
38	Ohio Oil Co.	539 S. Main St., Findlay, O.	Hancock	4	802,922	360,025			1
39	Ohio Oil Co.	539 S. Main St., Findlay, O.	Crawford	3,611	802,922		405		1
40	Ohio Oil Co.	539 S. Main St., Findlay, O.	Lawrence	2,431	1,337,274	66,450	28		13
41	Ohio Oil Co.	539 S. Main St., Findlay, O.	Richland	6	194,198		770		2
42	August Overbeck	Sandoval, Ill.	Marion	4	339				
43	James Pease & Co.	135 S. LaSalle St., Chicago, Ill.	Crawford	22	4,440		3		
44	Pemberton Oil & Gas Co.	229 E. Main St., Olney, Ill.	Lawrence	18	11,335		2		
45	Petro Oil & Gas Co.	Security Bldg., St. Louis, Mo.	Marion	19	11,047		2		
46	Pittsburgh Oil & Gas Co.	1005 Farmers Bank Bldg., Pittsburgh, Pa.	Clark	18	4,366		1		
47	P. L. and W. C. Williams	Colmar, Ill.	McDonough	18	3,653		1		
48	John Pugh Oil & Gas Well Const.	Shreveport, La.	Marion	3	5				
49	Pure Oil Co.	Olney, Ill.	Clay	65	1,255,028		319	30	100
50	Pure Oil Co.	Olney, Ill.	Richland	29	583,357		245	30	47
51	Pure Oil Co.	Olney, Ill.	Wayne	3	20,461		6	100	3
52	Pure Oil Co.	35 E. Wacker Drive, Chicago.	Crawford	224	46,626				1
53	Pure Oil Co.	35 E. Wacker Drive, Chicago.	Clark	206	40,233				1
54	Pure Oil Co.	114	Union	114	15,266				1
55	Santa Fe Petroleum	Box 133, Carlyle, Ill.	Clinon	6	1,823,798		6	AV. 20	1
56	Robben Oil Co.	Box 133, Carlyle, Ill.	Clinon	2	3,318,504		8	AV. 25	4
57	Belle Oil Co.	Box 133, Carlyle, Ill.	Clinon	1	202,877		4	AV. 40	
58	Snowden & McSweeney Co.	598 Madison Ave., New York	Wabash	1	4,102		1		
59	Snowden & McSweeney Co.	598 Madison Ave., New York	Lawrence	225	89,707		44		4
60	Steele & Steele	Robinson, Ill.	Crawford	4	613				

TABLE 3—SAND AND GRAVEL.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
61	Al Stohr	209 E. Main St., Casey, Ill.		Clark		12	1,009	1,900	1	
62	Tide Water Associated Oil Co.	Box 731, Tulsa, Okla.		Clark		86	22,869		5	
63	Tide Water Associated Oil Co.	Box 731, Tulsa, Okla.		Lawrence		719	299,256		62	3
64	Tide Water Associated Oil Co.	Box 731, Tulsa, Okla.		Lawrence		81	28,289		5	
65	Trenton Rock Oil & Gas Co.	Route No. 3, Casey, Ill.		Clark		31	5,533	1,800	3	
66	Warner-Caldwell Oil Co.	2nd Natl. Bank Bldg., Tusculum, Pa.		Crawford		48	3,425	9,000	2	
67	Webster Drilling Co.	512 Wabash Ave., Centralia, Ill.		Marton		4	1,999		2	
68	Mabel E. Webster	512 Wabash Ave., Centralia, Ill.		Wabash		18	4,789		2	
69	J. W. Whiteside & Co.	Altondale, Ill.		Wabash		2	3,810		1	
70	B. F. Whiteback	Vincennes, Ind.		McDonough		10	4,000		1	
71	Wiser Oil Co.	Sistersville, W. Va.		Lawrence		3	1,145		1	
72	Wiser Oil Co.	Sistersville, W. Va.		Crawford		32	6,400		2	
73	Wiser Oil Co.	Sistersville, W. Va.		Clay		9	184,000		12	
74	J. S. Young, Jr.	Gee Bldg., Lawrenceville, Ill.		Wabash		35	34,610		7	
75	Clark & Armstrong	Gee Bldg., Lawrenceville, Ill.		Wabash		1	1,718		1	
76	Clara Adams	Gee Bldg., Lawrenceville, Ill.		Wabash		1	452			
77	Keyser Lease	Gee Bldg., Lawrenceville, Ill.		Wabash		1	285			
Total					10,906	10,185,087	601,569	1,685	858	185

\* Average employees Ohio Oil Co.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Abbott Brothers	Sheridan	LaSalle	10,920	"A"	120				
2	Anbaw Gravel Co.	Lawrenceville	Lawrence	175,000	6	300				1
3	Anderson Sand & Gravel Company	Rockford	Winnebago	53,217	7	160				
4	Anderson Sand Company	Duquoin	Vermillion	2,500	2	250				
5	Atwood-Davis Sand Company	Chicago	Winnebago	185,773	19	152				5
6	Bloomington Township	Bloomington	DuPage	800	3	75				
7	Buckhardt Sand & Gravel Co.	Mechanicsburg	Sangamon	23,675	5	125		150		
8	Chinn Bros.	LaSalle	LaSalle	600	"A"	"A"				
9	Churchill Gravel Company	Vonliae	Livingston	30,000	5	80				1
10	H. D. Conkey & Company	Mendota	Kane	226,000	20	155				
11	Coogan-Gravel Company	Peoria	Peoria	125,000	12	147				
12	Corey & Collinson Const. Co.	Peoria	Peoria	42,900	31	60				2
13	S. S. Davis	Rock Island	Rock	2,641	3	40				
14	East Peoria Sand & Gravel Co.	East Peoria	Tazewell	87,685	12	260				

TABLE 3.—SAND AND GRAVEL—Concluded.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
15	Merle G. Ellsworth.....	Bloomington.....	McLean.....	20,000	5	200	---	---	---	---
16	E. S. Gaines.....	Elizabethtown.....	Hardin.....	1,000	2	90	---	---	---	---
17	Galesburg Sand & Gravel Co.....	Galesburg.....	Bureau.....	50	20	"A"	---	---	---	---
18	H. H. Haliday Sand Co.....	Cairo.....	Alexander.....	94,000	20	250	---	---	---	---
19	Kelly Sand & Materials Company.....	Burlington, Iowa.....	Henderson.....	6,607	2	175	---	---	---	---
20	Kingson-Lake Gravel Co.....	Mapleton.....	Peoria.....	44,382	11	126	---	---	---	5
21	Kingson-Lake Gravel Co.....	Mapleton.....	Marshall.....	164,650	36	127	---	---	---	15
22	A. Kuhnleman & Son.....	MT. Carroll.....	Carroll.....	33,700	3	70	---	300	---	---
23	J. P. Larson.....	Wyanet.....	Bureau.....	8,000	6	110	---	---	---	---
24	McGrath Sand & Gravel Co.....	Lincoln.....	Ogle.....	250,000	20	200	---	---	---	5
25	McGrath Sand & Gravel Co.....	Lincoln.....	Tazewell.....	340,000	7	250	---	---	---	7
26	McGrath Sand & Gravel Co.....	Lincoln.....	Peoria.....	85,000	17	120	---	---	---	3
27	McGrath Sand & Gravel Co.....	Lincoln.....	Peoria.....	700,000	35	270	---	---	---	5
28	McKinney Bros.....	Vandalia.....	Fayette.....	510	3	16	---	---	---	---
29	W. F. McLain.....	Greenville.....	Bond.....	4,500	2	55	---	---	---	---
30	Mt. Carmel Sand & Gravel Co.....	MT. Carmel.....	Wabash.....	87,815	12	199	---	---	---	---
31	Manley Sand Company.....	Rockton.....	Winnebago.....	2,000	3	40	---	---	---	---
32	Manley Sand Company.....	Rockton.....	Will.....	7,000	3	100	---	---	---	---
33	Metropolis Sand & Gravel Co.....	Metropolis.....	Massac.....	35,000	6	90	---	---	---	---
34	F. W. H. Meyer.....	Keyesport.....	Bond.....	4,750	"A"	"A"	---	---	---	---
35	Milan Sand & Gravel Co.....	Silvis.....	Rock Island.....	13,607	3	300	---	---	---	---
36	Ozark Minerals Company.....	Eleo.....	Alexander.....	10,596	6	60	120	5,000	---	4
37	Peoria Concrete Construction Co.....	Peoria.....	Tazewell.....	42,483	6	220	---	---	---	2
38	J. A. Platt.....	Quincy.....	Adams.....	250	1	68	---	---	---	---
39	Purity Moulding Sand Co.....	Dallas City.....	Henderson.....	10,000	5	162	---	---	---	---
40	Rock Island Sand & Gravel Co.....	Rock Island.....	Rock Island.....	70,000	7	200	---	---	---	---
41	P. F. Rutherford.....	Wyanet.....	Bureau.....	3,500	2	150	---	---	---	---
42	Sand & Gravel Co., H. P. B.....	Rockford.....	Winnebago.....	16,585	4	230	---	---	15	1
43	Joseph Segart.....	LaSalle.....	LaSalle.....	4,620	"A"	"A"	---	---	---	---
44	Spicer Gravel Company.....	Marselles.....	LaSalle.....	18,634	4	275	---	---	50	1
45	South Ottawa Silica Company.....	Ottawa.....	LaSalle.....	62,000	7	255	---	9,000	---	---
46	Springfield-Pekin Sand & Gravel Co.....	Springfield.....	Tazewell.....	227,124	14	266	---	---	700	---
47	Stocker Gravel & Const. Co.....	Highland.....	Madison.....	7,731	2	250	---	---	---	---
48	Terry & Lewis Sand & Gravel Co.....	Galesburg.....	Henderson.....	22,900	3	67	---	---	---	---
49	The Lincoln Sand & Gravel Co.....	Lincoln.....	Logan.....	178,309	26	243	---	---	---	---
50	The Western Sand & Gravel Co.....	Spring Valley.....	Bureau.....	174,132	18	215	---	---	---	---
Total.....				3,718,146	437	"B"148	120	15,215	---	58

(a) No report.  
(b) Average.

TABLE 4—SHALE AND CLAY.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Alton Brick Company	Alton	Madison	43,747	120	253	106			8
2	Baird Bros.	Colchester	McDonough	6,463	4	190		5,000		
3	Belleville Brick Company	Belleville	St. Clair	8,969	15	99				
4	Calhoun Leasing Co.	Calhoun	Calhoun	60	1	10				
5	Campus Brick & Tile Works	Campus	Livingston	1,351	6	87				
6	Carey Brick Company	Chicago	Cook	23,400	94	42				1
7	Chicago Retort & Fire Brick Co.	Ottawa	LaSalle	29,829	8	255	115	65		3
8	Eastern Illinois Clay Co.	St. Anne	Kankakee	36,766	52	300				
9	Ford Brick & Tile Co.	Harrisburg	Saline	7,554	30	270		1,250		
10	Frederick Brick & Tile Works	Frederick	Schuyler	12,000	9	200		200		
11	Hill Brick Company	East St. Louis	St. Clair	53,936	88	291	101	550		
12	Hull & Gustafson	Cambridge	Henry	1,654	9	98				
13	Hydraulic Press Brick Co.	Peoria	Marshall	29,700	85	213		15,000		7
14	Illinois Clay Products Co.	Joliet	Grundy	137,000	30	250		24,000		16
15	Jackson County Brick Co.	Campbell Hill	Jackson	12,689	35	216	15			
16	Kloss Brick Company	Belleville	St. Clair	4,180	7	110				
17	McLeansboro Shale Products Co.	Alsey	Scott	8,965	15	128	4	100		
18	McLaughlin Minton Co.	McLeansboro	Hamilton	8,000	27	217		150		
19	Mt. Olive Brick & Tile Co.	Mt. Olive	Macoupin	750	5	72				
20	Masonite Brick Company	Masonite	St. Clair	400,000	14	251				
21	Mathiasen-Hegeler Zinc Co.	LaSalle	LaSalle	340	2	25	6			
22	Midwest Brick Company	Ottawa	LaSalle	20,478	56	234		600		10
23	Minson Bros. & Company	Capron	Boone	2,400	6	175				
24	National Fireproofing Company	Ottawa	LaSalle	22,750	50	191				
25	H. G. Oberschelp Brick & Tile Co.	Princeton	LaSalle	1,900	6	150				
26	Peoria Brick & Tile Co.	Peoria	Tazewell	25,000	40	180		2,000		22
27	Poston Springs Brick Company	Springfield	Sangamon	28,950	67	186		850		
28	Richards Brick Company	Edwardsville	Rond	18,301	38	252				
29	Ruckel's Pottery Works	White Hall	Greene	685	30	225				
30	Springfield Clay Products Co.	Springfield	Menard	3,235	11	231		300		
31	St. Anne Brick & Tile Co.	St. Anne	Kankakee	22,913	40	300				
32	St. Elmo Brick & Tile Co.	St. Elmo	Fayette	13,850	47	171		3,000		15
33	Streator Brick Company	Streator	LaSalle	50,617	93	338				
34	Streator Drain Tile Company	Streator	LaSalle	26,978	87	309		800		
35	The Purginton Paving Brick Co.	Galesburg	Knox	48,000	183	92	10	1,200		2
36	Tuthill Building Material Co.	Chicago	Cook	255,150	65	60		1,800		45
37	Western Brick Company	Danville	Vermilion	123,338	175	302		1,000		6
38	White Hall Sewer Pipe & Stoneware Co.	White Hall	Greene	18,708	13	234				
Total				1,511,239	1,063	189	387	61,255	1	111

(a) Average.

TABLE 5—SILICA.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives dynamite— pounds.	Accidents.	
		Post office.	County.					Fatal.	Non- fatal.
1	Olive Branch Minerals Co.	Cairo	Alexander	17,160	27	310	2,750	-----	8
2	Ottawa Silica Company	Ottawa	LaSalle	892,911	164	286	298,060	-----	6
3	Ozark Minerals Company	Elco	Alexander	8,601	30	300	6,630	-----	3
4	Standard Silica Corp.	Ottawa	LaSalle	400,077	50	304	83,200	-----	2
	Total	-----	-----	1,318,749	271	1,200	390,600	-----	19

TABLE 6—FULLER'S EARTH.

No.	Company.	Location.	County.	Tons. produced.	Men employed.	Days worked.	Dyna- mite— pounds.
1	Sinclair Refining Co.....	Olmsted	Pulaski	39,320	52	323	400
2	Standard Oil Co. (Indiana)...	Olmsted	Pulaski	8,784	15	267	-----
	Total.....	-----	-----	48,104	67	595	400

\* Average.

TABLE 7—LIMESTONE.

No.	County.	Number of—		Output in tons.	Number em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— kegs.	Dyna- mite— pounds.	Fatal.	Non- fatal.
1	Adams.....	2	2	14,759	20	300	-----	12,000	-----	2
2	Brown.....	1	1	8,000	30	240	-----	4,000	-----	-----
3	Clark.....	1	1	12,000	6	105	-----	1,550	-----	-----
4	Cook.....	2	2	16,200	60	"A" 150	-----	51,000	-----	16
5	DuPage.....	1	1	169,115	18	130	-----	42,900	1	8
6	Greene.....	1	1	9,800	36	170	-----	3,000	-----	-----
7	Hancock.....	1	1	8,000	7	220	-----	2,000	-----	1
8	Hardin.....	1	1	26,705	14	275	-----	6,450	-----	1
9	Jackson.....	1	1	3,100	7	90	-----	500	-----	-----
10	Jersey.....	1	1	13,281	9	300	-----	-----	-----	1
11	Kankakee.....	1	1	313,800	75	208	-----	82,600	-----	14
12	Kendall.....	1	1	28,000	7	110	-----	3,500	-----	-----
13	LaSalle.....	4	4	1,416,070	1,016	"A" 191	-----	387,082	-----	2
14	Livingston.....	1	1	6,751	14	136	-----	2,150	-----	-----
15	Macoupin.....	1	1	20,000	100	150	-----	6,000	-----	-----
16	Madison.....	1	1	346,000	45	287	-----	75,000	-----	4
17	Mercer.....	1	1	21,000	30	57	-----	3,400	-----	2
18	McDonough.....	1	1	20,000	43	125	-----	10,000	-----	6
19	Monroe.....	1	1	131,150	88	255	-----	70,000	-----	3
20	Ogle.....	1	1	1,000	6	40	-----	-----	-----	-----
21	Randolph.....	1	1	45,890	675	235	-----	6,000	-----	-----
22	Rock Island.....	1	1	52,522	9	280	-----	13,600	-----	-----
23	St. Clair.....	5	5	391,537	216	"A" 140	-----	122,195	-----	1
24	Union.....	1	1	147,967	20	156	-----	30,000	-----	11
25	Warren.....	1	1	20,000	20	200	-----	8,000	-----	6
26	Washington.....	1	1	2,500	7	100	-----	100	-----	-----
27	Will.....	2	2	404,499	57	"A" 106	-----	154,400	-----	29
28	Winnebago.....	2	2	49,338	72	"A" 153	-----	14,065	-----	6
	Total.....	39	39	3,698,984	2,707	"A" 175	-----	1,111,492	1	113

"A" Average.

TABLE 8—OIL AND GAS.

No.	County.	Number of—		Production.		Number em- ployed.	Explo- sives— nitro- glycerine, quarts.	Acci- dents— non- fatal.
		Oper- ators.	Wells.	Oil— barrels.	Gas— 1,000 cu. ft.			
1	Bond	1	7		13,353	2		
2	Clark	9	1,048	234,688	3,700	28	40	2
3	Clay	2	74	1,439,028		331	30	100
4	Crawford	19	5,659	1,338,424	385,295	168	405	7
5	Clinton	4	91	4,382,517		18	205	6
6	Cumberland	4	606	92,720	87,202	5		
7	Hancock	1	4	1,932				
8	Lawrence	11	2,856	1,519,848	66,450	63	28	17
9	McDonough	3	238	159,356		2	20	
10	Marion	7	81	31,797		9		
11	Richland	3	39	868,854	45,569	258	30	49
12	St. Clair	1	30	33,012				
13	Union	1	114	15,266		10		1
14	Wabash	10	56	47,184		15		
15	Wayne	1	3	20,461		6	100	3
Total		77	10,906	10,185,087	601,569	*1,685	858	185

TABLE 9—SAND AND GRAVEL.

No.	County.	Number of—		Produc- tion in tons.	Number em- ployed.	Average days worked.	Explosives used		Accidents.	
		Oper- ators.	Plants.				Pow- der— kegs.	Dyna- mite— pounds.	Fatal.	Non- fatal.
1	Adams	1	1	250	1	68				
2	Alexander	2	2	104,596	26	"A" 155	120	5,000		4
3	Bond	2	2	9,250	2	"A" 28				
4	Bureau	4	4	185,682	27	"A" 119				
5	Carroll	1	1	33,700	3	70		300		
6	DuPage	1	1	800	3	75				
7	Fayette	1	1	510	3	16				
8	Hardin	1	1	1,000	2	90				
9	Henderson	3	3	39,507	10	"A" 134				1
10	Kane	1	1	226,000	20	155				
11	LaSalle	5	5	96,774	11	"A" 130		9,050		1
12	Lawrence	1	1	175,000	6	300				1
13	Livingston	1	1	30,000	5	80				1
14	Logan	1	1	178,309	26	293				
15	Madison	1	1	7,731	2	250		700		
16	Massac	1	1	35,000	6	90				
17	Marshall	1	1	164,650	36	127				15
18	McLean	1	1	20,600	5	200				
19	Ogle	1	1	250,000	20	200				5
20	Peoria	4	4	954,382	75	"A" 166				13
21	Rock Island	3	3	86,248	13	"A" 180				
22	Sangamon	1	1	23,675	5	125		150		
23	Stark	1	1	42,900	31	60				2
24	Tazewell	4	4	697,292	49	"A" 249				9
25	Vermilion	1	1	2,500	2	250				
26	Wabash	1	1	87,815	12	199				
27	Will	1	1	7,000	3	10				
28	Winnebago	4	4	257,575	33	"A" 145		15		6
Total		50	50	3,718,146	437	"A" 148	120	15,215		58

\* 770 employees of one oil company not reported by counties.



TABLE 10—SHALE AND CLAY.

No.	County.	Number of—		Production in tons.	Number employed.	Average days worked.	Explosives used.		Accidents.	
		Operators.	Plants.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Bond.....	1	1	18,301	38	252				
2	Boone.....	1	1	2,400	6	175				
3	Bureau.....	1	1	1,900	6	150				
4	Calhoun.....	1	1	60	1	10				
5	Cook.....	2	2	278,550	a159	102				6
6	Fayette.....	1	1	13,850	47	171		3,000		15
7	Greene.....	2	2	19,343	a43	230		1,000		6
8	Grundy.....	1	1	137,000	30	250		24,000		16
9	Hamilton.....	1	1	8,000	27	217		150		
10	Henry.....	1	1	1,654	9	98				
11	Jackson.....	1	1	12,089	35	216	45			1
12	Kankakee.....	2	2	59,700	a92	300				
13	Knox.....	1	1	48,600	183	92	10	1,250		
14	LaSalle.....	6	6	150,992	a206	226	121	2,105	1	35
15	Livingston.....	1	1	1,354	6	87				
16	McDonough.....	1	1	6,463	4	190		5,000		
17	Macoupin.....	1	1	750	5	72				
18	Madison.....	1	1	43,747	120	253	106			8
19	Marshall.....	1	1	29,700	85	213		15,000		7
20	Menard.....	1	1	3,235	11	231		300		
21	St. Clair.....	4	4	467,085	a124	189	101	550		2
22	Saline.....	1	1	7,554	30	270		1,250		
23	Sangamon.....	1	1	28,950	67	186		850		
24	Schuyler.....	1	1	12,000	9	200		200		
25	Scott.....	1	1	8,965	15	128	4	100		
26	Tazewell.....	1	1	25,000	40	180		2,000		
27	Vermilion.....	1	1	123,338	175	302		4,500		45
Totals.....		38	38	1,511,239	1,663	a189	387	61,255	1	141

(a) Average.

TABLE 11—SILICA.

No.	County.	Number of—		Production in tons.	Number employed.	Average days worked.	Explosives used.		Accidents.	
		Operators.	Plants.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Alexander.....	2	2	25,761	57	"A"305		9,400		11
2	LaSalle.....	2	2	1,292,988	214	"A"295		351,200		8
Total.....		4	4	1,318,749	371	"A"300		360,600		19

(a) Average.

TABLE 12—SUMMARY OF TABLES 7, 8, 9, 10 AND 11.

Industry.	Number of—			Production.	Number employed.	Average days worked.	Explosives used.		Accidents.	
	Coun- ties.	Oper- ators.	Plants.				Pow- der— kegs.	Dyna- mite— pounds.	Fatal.	Non- fatal.
Limestone.....	28	39	39	"A" 3,698,984	2,707	175		1,111,492	1	113
Oil and gas.....	15	77	10,906	"B" 10,185,087 "C" 601,569	1,685			"D" 858		185
Sand and gravel.....	28	50	50	"A" 3,718,146	437	148	120	15,215		58
Shale and clay.....	27	38	38	"A" 1,511,239	1,663	189	387	61,255	1	141
Silica.....	2	2	2	"A" 1,318,749	371	300		360,600		19
Total.....	100	206	11,035	"A" 10,247,118 "B" 10,185,087 "C" 601,569	6,863	812	507	1,549,420	2	516

a. Tons. b. Barrels of oil. c. M. cu. ft. of gas. d. Quarts of nitroglycerine.

TABLE 13—MINERAL INDUSTRIES OF ILLINOIS—1937—BY COUNTIES.

Number.	County.	Coal.		Fluorspar.		Fullers Earth.		Limestone.		Oil and gas.			Sand and gravel.		Shale and clay.		Silica.		Number.
		Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Quarries.	Tons.	Wells.	Oil barrels.	Gas 1,000 cu. ft.	Pits.	Tons.	Pits.	Tons.	Mines.	Tons.	
1	Adams	1	909					2	14,759				1	250					1
2	Alexander												2	104,596			2	25,761	2
3	Bond	1	51,757							7		13,353	2	9,250	1	18,301			3
4	Boone														1	2,400			4
5	Brown	10	2,131																5
6	Bureau	8	70,527					1	8,000				4	185,682	1	1,900			6
7	Calhoun														1	60			7
8	Carroll												1	33,700					8
9	Cass	2	915																9
10	Christian	7	4,750,298																10
11	Clark							1	12,000	1,048	234,688	3,700							11
12	Clay									74	1,439,028								12
13	Clinton	3	264,413							91	4,382,517								13
14	Coles																		14
15	Cook							2	16,200	5,459	1,338,424	385,295			2	278,550			15
16	Crawford	1	1,435							606	92,720	87,202		800					16
17	Cumberland							1	169,115				1						17
18	DuPage																		18
19	Edgar	5	63,575																19
20	Edwards												1	510	1	13,850			20
21	Fayette																		21
22	Franklin	13	108,267																22
23	Fulton	112	3,331,320																23
24	Gallatin	13	31,003																24
25	Greene	25	8,912						9,800						2	19,383			25
26	Grundy	11	169,528					1							1	137,000			26
27	Hamilton														1	8,000			27
28	Hancock	3	2,516					1	8,000	4	1,432								28
29	Hardin			19	106,302			1	26,705				1	1,000					29
30	Henderson												3	39,507					30
31	Henry	26	728,988																31
32	Jackson	23	1,720,094																32
33	Jasper	2	555																33
34	Jefferson	5	380																34
35	Jersey	6	1,001					1	13,281										35
36	Jo Daviess																		36
37	Johnson																		37
38	Kane	1	135																38
39	Kankakee												1	226,000	2	59,709			39
40	Kendall							1	313,800										40



## REPORT OF METAL MINES.

HOMER HARRIS, INSPECTOR.

The following tables show the activities of the metal mines for the year 1937:

TABLE 1—NAME OF OPERATOR, LOCATION OF MINE, DEPTH OF SHAFT, USE OF PRODUCT, METHOD OF HOISTING AND MINING.

Name of operator.	Location of mine.		Depth of shaft in feet.	Product used for—	Method of hoisting.	Method of mining.
	Post office.	County.				
Aluminum Ore Co., 6 mines.....	Rosiclare.....	Hardin...	20-400	Hydrofluoric acid and fluxing steel.....	Steam and gasoline.....	Machine and hand. Machine and hand.
Benzon Fluorspar Co....	Cave-In-Rock.....	Hardin...	Slope	Steel flux.....		Machine and hand.
Cave-In-Rock Spar Co.	Elizabethtown.....	Hardin...	Tunnel	Steel.....	Gasoline and steam.....	Machine and hand. Machine and hand.
Crystal Fluorspar Co....	Rosiclare.....	Hardin...	120	Flux for steel.....	Steam.....	Machine and hand.
Fred Cullum & Sons.....	Elizabethtown.....	Hardin...	100	Steel.....	Steam.....	Machine and hand.
W. E. Demick.....	Rosiclare.....	Hardin...	200	Steel works.....	Steam.....	Machine and hand.
Dow Fluorspar Corp....	Rosiclare.....	Hardin...	60	Steel.....	Steam.....	Hand.
Fluorspar Products Co.	Elizabethtown.....	Hardin...	100	Steel.....	Steam.....	Hand.
Hillside Fluorspar Mines.....	Rosiclare.....	Hardin...	650	Fluxing.....	Electric.....	Machine and hand.
Jefferson Mineral Corp.	Humm Wye.....	Hardin...	150	Flux for steel.....	Steam.....	Hand.
Knight, Knight & Clark	Rosiclare.....	Hardin...	125	Making steel.....	Steam.....	Machine and hand.
James R. LaRue.....	Raum.....	Pope.....	38	Milling to acid grade.....	Gasoline.....	Machine and hand.
Mahoning Mining Co.	Elizabethtown.....	Hardin...	Prospect		Air.....	Machine.
Rosiclare Lead & Fluorspar Mining Co.	Rosiclare.....	Hardin...	700	Steel, glass and enamelware.....	Electric.....	Machine and hand.
Victory Fluorspar Mining Co.....	Elizabethtown.....	Hardin...	173	Making steel.....	Steam.....	Machine and hand.
C. B. Wilcox.....	Elizabeth.....	JoDaviess	50	Paint.....	Steam.....	Machine.

TABLE 2—PRODUCTION AND DISPOSITION OF PRODUCT, EXPLOSIVES USED, EMPLOYEES, DAYS WORKED, NUMBER INJURED.

Name of operator.	Production in tons.		Tons shipped to—			Ex-plosives.	Employees.	Days worked.	Number injured.	Fatais.
	Fluorspar.	Lead.	Pints in Illinois.	Other states.	Foreign countries.	Dynamite—pounds.				
Aluminum Ore Co., 6 mines.....	29,989	-----	12,079	753	-----	54,850	77	197	15	--
Benzon Fluorspar Co.....	10,358	-----	-----	6,352	-----	11,000	a	85	215	33
Cave-In-Rock Spar Co.....	100	-----	-----	200	-----	1,000	a	11	100	3
Crystal Fluorspar Co.....	10,606	-----	1,417	4,301	-----	12,604	45	280	11	--
Fred Cullum & Sons.....	160	-----	-----	160	-----	50	6	150	2	--
W. E. Demick.....	400	-----	300	-----	-----	600	a	6	75	-----
Dow Fluorspar Corp.....	180	-----	170	-----	-----	100	a	6	140	-----
Fluorspar Products Corp.....	4,670	-----	-----	2,432	139	4,000	a	43	290	1
Hillside Fluorspar Mines.....	10,283	-----	4,997	13,015	-----	14,400	78	232	25	--
Jefferson Mineral Corp.....	2,557	-----	2,340	217	-----	500	17	313	1	--
Knight, Knight & Clark.....	3,877	-----	-----	3,877	-----	4,000	20	-----	1	--
Jas. R. LaRue.....	18	-----	18	-----	-----	100	4	16	-----	1
Mahoning Mining Co.....	Prospect	-----	-----	-----	-----	5,000	16	137	-----	-----
Rosiclare Lead & Fluorspar Mining Co.....	22,622	-----	2,375	24,514	30	80,000	a	151	270	6
Victory Fluorspar Mining Co.....	10,500	-----	-----	10,500	-----	14,000	42	154	-----	-----
C. B. Wilcox.....	-----	3	-----	3	-----	-----	a	7	75	-----
Totals.....	106,320	3	23,696	66,324	169	202,204	612	a 171* a 75†	98	1

a Average.

\* Average for fluorspar operations, 171 days.

† Average for lead operations, 75 days.

## REPORT OF STATE MINING BOARD.

The State Mining Board held examinations in September and December for the purpose of passing upon the qualifications of applicants for State Mine Inspector and in February, May and September for the examination of Mine Managers, First and Second Class, Mine Examiners, Steam and Electrical Hoisting Engineers.

The names and addresses of those passing the tests are as follows:

### STATE MINE INSPECTOR.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Belt, Loren A.	Harrisburg	Saline	39	Illinois	Sept. 14	248
Bradbury, Arthur	Belleville	St. Clair	39	England	Dec. 28	253
Casassa, Joseph B.	Spring Valley	Bureau	47	Illinois	Sept. 14	238
Chitty, Leo	Springfield	Sangamon	43	Illinois	Dec. 28	254
Deemy, George H.	Peoria	Peoria	62	Pennsylvania	Sept. 14	239
Firth, Joe, Jr.	Benld	Macoupin	33	Kansas	Sept. 14	243
Forester, Leonard	Percy	Randolph	52	Illinois	Sept. 14	246
Guthrie, F. M.	Farmington	Fulton	63	Illinois	Sept. 14	240
Johnson, William J.	Christopher	Franklin	45	Illinois	Sept. 14	247
McKenna, Thomas	Danville	Vermilion	42	Indiana	Sept. 14	242
Pitts, Benn	Odin	Marion	45	Illinois	Sept. 14	244
Proctor, Peter H.	LaSalle	LaSalle	63	England	Sept. 14	252
Roberts, Harry	Edinburg	Christian	52	Illinois	Sept. 14	241
Saunders, Oscar	DuQuoin	Perry	49	Illinois	Sept. 14	250
Schoonover, Fred	Cartersville	Williamson	60	Indiana	Sept. 14	249
Scott, Henry	Harrisburg	Saline	47	Ohio	Dec. 28	258
Scully, T. Alvin	Troy	Madison	38	Illinois	Sept. 14	251
Stuart, David T.	Belleville	St. Clair	50	West Virginia	Sept. 14	245
Taggart, Michael	Eldorado	Saline	48	Scotland	Dec. 28	255
Webb, Houston W.	Johnston City	Williamson	54	Kentucky	Dec. 28	256
Williams, Ray	Benton	Franklin	41	Illinois	Dec. 28	257

### MINE MANAGERS—FIRST CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Alderson, Raymond	Gillespie	Macoupin	33	Illinois	Sept. 14	1861
Allan, John William	Gillespie	Macoupin	34	Alabama	Sept. 14	1862
Bartagnolli, Frank	Gillespie	Macoupin	38	Illinois	Sept. 14	1863
Bell, Andrew J.	Galesburg	Knox	42	Illinois	May 24	1834
Bernadini, Aldo	Taylorville	Christian	42	Italy	May 24	1835
Bertolino, Fred	Nokomis	Montgomery	41	Illinois	Feb. 8	1860
Bowman, Wm. Ray	Knoxville	Knox	42	Illinois	May 24	1836
Burnett, Joe	West Frankfort	Franklin	24	Illinois	Feb. 8	1814
Cammack, Kirk V.	Zeigler	Franklin	36	Iowa	May 24	1837
Carson, William O.	Harrisburg	Saline	37	Illinois	May 24	1838
Christan, William	Royalton	Franklin	40	Illinois	Sept. 14	1864
Conti, Richard	Christopher	Franklin	36	Italy	Feb. 8	1815
Crain, Griff	Marion	Williamson	37	Illinois	Sept. 14	1865

## MINE MANAGERS—FIRST CLASS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of exam-ination.	Number of cer-tificate.
Cravens, Clarence	Herrin	Williamson	35	Illinois	Feb. 8	1816
Cullen, John W.	Troy	Madison	49	Pennsylvania	May 24	1839
Cumstey, Richard I.	Christopher	Franklin	26	England	Sept. 14	1866
Dixon, Clarence E.	Harrisburg	Saline	48	Illinois	May 24	1840
Ellis, Ross M.	Danville	Vermilion	57	Illinois	Sept. 14	1867
Feldmann, Herman T.	Belleville	St. Clair	35	Illinois	Feb. 8	1817
Fink, John J.	Streator	LaSalle	50	Illinois	May 24	1841
Foster, Lawrence	Rapatee	Knox	42	Illinois	May 24	1842
Fry, Leo	Marion	Williamson	28	Illinois	Sept. 14	1868
Griffiths, Richard M.	Harco	Saline	31	Illinois	Sept. 14	1869
Groom, Ollie	Belleville	St. Clair	38	Illinois	Feb. 8	1818
Guiney, George G.	Benton	Franklin	39	Illinois	May 24	1843
Heck, Theo M.	Dubois	Washington	38	Illinois	Feb. 8	1819
Heinz, Ernest A.	Staunton	Macoupin	52	Illinois	Feb. 8	1820
Hippard, William R.	Belleville	St. Clair	45	England	May 24	1844
Hodson, Roy	Glasford	Peoria	44	Illinois	May 24	1845
Jansen, Joseph A.	St. Libory	St. Clair	36	Illinois	Sept. 14	1870
Jeffress, Earl	Kincaid	Christian	32	Texas	May 24	1846
Knapp, William	West Frankfort	Franklin	45	Illinois	May 24	1847
Kosarek, Bohus.	New Athens	St. Clair	24	Illinois	Feb. 8	1821
Lager, Fred	LaSalle Ridge	LaSalle	32	Illinois	May 24	1848
Langenstein, Andrew P.	Freeburg	St. Clair	36	Illinois	Sept. 14	1871
McDowell, Charles	Harrisburg	Saline	37	Illinois	May 24	1849
Monari, Carlo	Edinburg	Christian	40	Italy	Feb. 8	1822
Moore, Joseph J.	Chicago	Cook	32	Kansas	Feb. 8	1823
Muncy, Marion Lee	Taylorville	Christian	32	Indiana	May 24	1850
Neal, Adrian David	Staunton	Macoupin	24	Illinois	Sept. 14	1872
Nierman, Harry C.	Centralia	Marion	36	Illinois	Sept. 14	1877
Overbeck, Ernest	Springfield	Sangamon	33	Germany	Feb. 8	1824
Palic, John M.	West Frankfort	Franklin	33	Pennsylvania	Feb. 8	1825
Phillips, Thomas	Marion	Williamson	43	Ohio	Feb. 8	1826
Phillips, William G.	Springfield	Sangamon	34	Ohio	May 24	1851
Pollock, Benj. Lowery	West Frankfort	Franklin	32	Illinois	May 24	1852
Potter, Alonzo J.	Kincaid	Christian	36	Arkansas	Feb. 8	1827
Fulliam, Henry Otto	Royalton	Franklin	53	Indiana	Sept. 14	1873
Rennie, Alvan Lee	Cuba	Fulton	46	Iowa	Feb. 8	1828
Rezeineck, Adolph W.	Belleville	St. Clair	48	Illinois	Sept. 14	1874
Roe, Thomas	Seneca	LaSalle	41	Illinois	May 24	1853
Russell, James A.	Sullivan, Ind.	Sullivan	49	Indiana	May 24	1854
Samson, John	Springfield	Sangamon	44	Scotland	May 24	1855
Sanders, James	Pittsburg	Williamson	47	Illinois	Sept. 14	1875
Scanlon, Wendell P.	Worden	Madison	31	Illinois	May 24	1856
Schroeder, Wm. Jacob	Belleville	St. Clair	38	Illinois	Feb. 8	1829
Sharp, Ellis	Benton	Franklin	32	Illinois	Feb. 8	1830
Stewart, William M.	Taylorville	Christian	45	Kentucky	May 24	1857
Vallow, Ellis	Livingston	Madison	61	Illinois	May 24	1858
Vanus, Florent	Christopher	Franklin	35	Illinois	Sept. 14	1876
White, Thomas R.	Springfield	Sangamon	27	Illinois	Feb. 8	1831
Wilkins, Arleigh	Johnston City	Williamson	42	Illinois	Feb. 8	1832
Williams, Robert	Middle Grove	Fulton	34	Illinois	May 24	1859
Wills, Gerald	Springfield	Sangamon	25	Illinois	Feb. 8	1833

## MINE MANAGERS—SECOND CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Allison, John	Kewanee	Henry	41	Kentucky	Feb. 8	1369
Bailey, Donald J.	Danville	Vermilion	44	Illinois	May 24	1370
Barnett, Claude	Junction	Gallatin	32	Illinois	May 24	1371
Raxter, Matthew	Zeigler	Franklin	42	Scotland	May 24	1372
Blakeney, Val	Westville	Vermilion	41	Illinois	May 24	1373
Boden, John	Belleville	St. Clair	50	Illinois	May 24	1374
Brandis, John	Ashland	Cass	32	Illinois	Sept. 14	1394
Bridgewater, Thomas	Danville	Vermilion	39	Indiana	Sept. 14	1395
Brons, Joseph B.	Norris	Fulton	48	Illinois	May 24	1417
Cessna, Melvin	Danville	Vermilion	29	Illinois	May 24	1375
Cook, William R.	Danville	Vermilion	28	Illinois	Sept. 14	1396
Curd, Ed.	Augusta	Hancock	55	Kentucky	Sept. 14	1397
Dallefeld, Carl M.	Ellisville	Fulton	48	Illinois	Feb. 8	1353
Davenport, Raford	Equality	Gallatin	38	Illinois	May 24	1376
Dunn, Amos	Harrisburg	Saline	48	Illinois	Sept. 14	1398
Dusen, Albert	Springfield	Sangamon	49	Germany	Sept. 14	1399
Fry, Melvin	Marion	Williamson	24	Illinois	Sept. 14	1400
Gill, Elmo	Zeigler	Franklin	28	Illinois	May 24	1377
Gisolo, Joseph	Blanford, Ind.	Vermilion	35	Indiana	Sept. 14	1401
Grant, Claude	Oakwood	Vermilion	43	Indiana	May 24	1378
Gruber, Joseph W.	Edwards	Peoria	39	Missouri	May 24	1379
Hankins, Virgil	Marion	Williamson	34	Illinois	May 24	1380
Hannigan, Herbert	Peoria	Peoria	52	West Virginia	Feb. 8	1354
Hartweger, Edmund	Auburn	Sangamon	24	Illinois	Feb. 8	1355
Hick, Joseph	Trivoli	Peoria	46	Illinois	Sept. 14	1402
Hochmuth, John C.	Stanton	Macoupin	50	Illinois	Sept. 14	1403
Knight, Thomas B.	Edwards	Peoria	52	Texas	Sept. 14	1418
Lemmon, Weldon	Tamara	Perry	27	Illinois	May 24	1381
Leoni, Narciso	Johnston City	Williamson	53	Italy	Sept. 14	1404
Lewis, Joe	Catlin	Vermilion	31	Illinois	May 24	1382
Lind, Edwin L.	Danville	Vermilion	49	Illinois	Sept. 14	1405
Lind, E. O.	Danville	Vermilion	48	Illinois	Sept. 14	1406
McDonald, Harry	Harrisburg	Saline	50	Illinois	Sept. 14	1407
McDorman, William	Fairview	Fulton	26	Colorado	Feb. 8	1356
McNail, Estes	Marion	Williamson	26	Illinois	Sept. 14	1408
Monbrun, Lawrence	Coal City	Grundy	36	Illinois	Feb. 8	1357
Morey, Thomas	Springfield	Sangamon	62	Lithuania	Sept. 14	1409
Morgan, James	Marseilles	LaSalle	53	England	Sept. 14	1410
Newton, Herbert Harold	Wyoming	Stark	37	Illinois	May 24	1383
Nixon, David E.	Danville	Vermilion	48	Illinois	May 24	1384
Ozment, Jesse	Marion	Williamson	37	Illinois	Sept. 14	1411
Ozment, Rue	Marion	Williamson	34	Illinois	May 24	1385
Patton, Arza	Junction	Gallatin	53	Illinois	May 24	1386
Penley, George	Marion	Williamson	28	Tennessee	May 24	1387
Pierce, Terry	Danville	Vermilion	43	Kentucky	Sept. 14	1412
Pinnell, Otto	Eldorado	Saline	56	Illinois	Sept. 14	1413
Povelones, Kastutis	Westville	Vermilion	24	Indiana	May 24	1388
Powell, Morrison	Junction	Gallatin	24	Illinois	May 24	1389
Reel, J. Kyle	Mt. Carmel	Wabash	27	Illinois	Feb. 8	1358
Retter, William	Bunker Hill	Macoupin	48	Hungary	Sept. 14	1414
Schneider, August	Belleville	St. Clair	39	Illinois	Sept. 14	1415
Schoeneweis, Paul M.	Bethalto	Madison	28	Illinois	Feb. 8	1359
Siddell, Ed.	Danville	Vermilion	57	Illinois	Feb. 8	1360
Speiser, Frank	Auburn	Sangamon	60	Austria	Feb. 8	1361
Spicer, Frank, Jr.	Auburn	Sangamon	34	Austria	Feb. 8	1362
Sporleder, Emil	Belleville	St. Clair	35	Illinois	Feb. 8	1363
Talbert, James M.	Grape Creek	Vermilion	47	Indiana	May 24	1390
Thompson, Ivan	Rushville	Schuyler	25	Illinois	Sept. 14	1416
Tionelli, Carl E.	Marseilles	LaSalle	35	Illinois	Feb. 8	1364
Truax, Isaac L.	Westville	Vermilion	56	Arkansas	May 24	1391
Van Duker, Leon	Bethalto	Madison	39	Oklahoma	Feb. 8	1365
Walter, Ferd F.	Cantrall	Sangamon	55	Illinois	Feb. 8	1393
Wilkins, Neal	Sparland	Marshall	30	Illinois	Feb. 8	1366
Wilkinson, Pascal	Mt. Carmel	Wabash	28	Illinois	Feb. 8	1367
Wyatt, Herbert J.	Danville	Vermilion	36	Kentucky	May 24	1392
Zaborac, Joe	Cuba	Fulton	24	Illinois	Feb. 8	1368



## MINE EXAMINERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Allan, John William.	Mt. Olive.	Macoupin	33	Alabama	May 24	2267
Atkins, William C.	Zeigler	Franklin	37	Alabama	Sept. 11	2322
Bayless, Everett L.	Zeigler	Franklin	29	Illinois	May 24	2268
Beard, Dwight	DuQuoin	Perry	24	Illinois	May 24	2269
Bertagnoli, Frank	Gillespie	Macoupin	38	Illinois	May 24	2270
Boston, Mt. Jr.	Mt. Olive.	Macoupin	28	Illinois	May 21	2271
Browning, Vallie	Royalton	Franklin	42	Illinois	May 24	2272
Bugan, Royce	Christopher	Franklin	31	Illinois	Feb. 8	2224
Carter, Vencie	DeSoto	Jackson	35	Illinois	Feb. 8	2225
Castitt, Raymond	Elkville	Jackson	39	Illinois	May 24	2273
Chasco, Edward J.	Pawnee	Sangamon	31	Illinois	Feb. 8	2226
Chitty, Fay	Herrin	Williamson	41	Illinois	Sept. 14	2323
Conner, Robert	Danville	Vermilion	37	Illinois	Sept. 14	2324
Conte, John A.	DuQuoin	Perry	28	Illinois	May 24	2274
Cook, Everett	Benton	Franklin	34	Illinois	May 24	2275
Conslon, James, Jr.	West Frankfort	Franklin	28	Illinois	Feb. 8	2227
Craig, Dewey	Elkville	Jackson	38	Illinois	May 24	2276
Cummings, Orville	Danville	Vermilion	38	Indiana	Sept. 14	2326
Cunningham, Delmar	West Frankfort	Franklin	38	Illinois	Sept. 14	2325
Curry, Robert	Benton	Franklin	46	England	May 24	2277
Curtis, William E.	Elkville	Jackson	40	Kansas	May 24	2278
Dailey, Robert	Herrin	Williamson	25	Alabama	Sept. 14	2327
Eason, George	Hurst	Williamson	35	Illinois	May 24	2279
Featherstone, Frank	Royalton	Franklin	34	Alabama	May 24	2280
Fitzpatrick, Henry	Odin	Marion	29	Illinois	May 24	2281
Flanigan, Earl	Benton	Franklin	45	England	May 24	2282
Flatt, Walter L.	Dowell	Jackson	33	Illinois	Feb. 8	2228
Freeman, Louis Blake	Christopher	Franklin	40	Illinois	Feb. 8	2229
Grammer, Neff	Colp	Williamson	40	Illinois	Feb. 8	2230
Gates, Samuel J.	Sesser	Franklin	31	Illinois	Feb. 8	2231
Green, Lowell	Eldorado	Saline	30	Arkansas	May 24	2283
Hamilton, Gaston	Dowell	Jackson	28	Illinois	Feb. 8	2232
Hampton, Ronald	Herrin	Williamson	36	Illinois	Sept. 14	2328
Hancock, Ted	Christopher	Franklin	32	Illinois	Feb. 8	2233
Harriss, Corrie	West Frankfort	Franklin	30	Arkansas	Sept. 14	2329
Hart, Thomas	DuQuoin	Perry	43	Illinois	May 24	2284
Hartley, Andrew	Christopher	Franklin	36	Illinois	Feb. 8	2234
Hawn, Pete	DeSoto	Jackson	26	Illinois	Feb. 8	2235
Herrin, Henry C.	Cambria	Williamson	37	Missouri	Feb. 8	2236
Herron, Alex.	West Frankfort	Franklin	30	Alabama	Feb. 8	2237
Hertel, James, W.	West Frankfort	Franklin	30	Illinois	Sept. 14	2330
Hickem, Harry	Mulkeytown	Franklin	31	Illinois	May 24	2285
Holden, Harold	Dowell	Jackson	32	Illinois	Feb. 8	2238
Holden, Joseph E.	Harrisburg	Saline	25	Illinois	Sept. 14	2331
Holland, Jess	Harrisburg	Saline	51	England	Sept. 14	2332
Holland, Vernie	West Frankfort	Franklin	42	Illinois	Feb. 8	2239
Holmes, Clyde	West Frankfort	Franklin	33	Illinois	Sept. 14	2333
Hopkins, James	Royalton	Franklin	35	Illinois	May 24	2286
Howe, Robert, Jr.	Christopher	Franklin	39	Alabama	May 24	2287
Huddleston, Lee	Franklin	Franklin	42	Iowa	Feb. 8	2240
Hudson, Alex, Jr.	Hurst	Williamson	30	Kentucky	May 24	2288
Huffstutler, Carl	Royalton	Franklin	31	Pennsylvania	May 24	2289
Humphreys, Scott	Conant	Perry	25	Illinois	Feb. 8	2264
Ingllet, Harry E.	Royalton	Franklin	41	Illinois	May 24	2290
Ison, John	West Frankfort	Franklin	34	Illinois	Sept. 14	2334
Johnson, Dwight, L.	Christopher	Franklin	33	Illinois	Feb. 8	2241
Johnstone, Robert	West Frankfort	Franklin	25	Illinois	Sept. 14	2335
Keene, Dale	Mt. Olive	Macoupin	32	Scotland	May 24	2291
Langenstein, Charles, Jr.	DuQuoin	Perry	25	Illinois	May 24	2292
Leek, Frank, Jr.	Freeburg	St. Clair	34	Illinois	Sept. 14	2336
Lewis, Opal	Elkville	Jackson	42	Illinois	Feb. 8	2242
Lindsay, Donald	Benton	Franklin	45	Illinois	Feb. 8	2265
Lynch, Albert W.	Dowell	Jackson	34	Illinois	Feb. 8	2243
McBride, Everett	DuQuoin	Perry	34	Illinois	Feb. 8	2244
McBride, Walter	Sesser	Franklin	28	Illinois	Feb. 8	2266
McCabe, Robert	Christopher	Franklin	39	Indiana	Feb. 8	2245
McCallister, Wallace R.	Elkville	Jackson	45	Illinois	May 24	2293
McCormick, Clarence	Eldorado	Saline	41	Indiana	May 24	2294
McPhail, Pete	DuQuoin	Perry	25	Illinois	May 24	2295
Martin, Harry L.	Royalton	Franklin	35	Illinois	May 24	2296
Melvin, Maurice	DuQuoin	Perry	29	Illinois	May 24	2297
Melvin, Roy	DuQuoin	Perry	32	Illinois	May 24	2298
Mileski, Anton	West Frankfort	Franklin	33	Illinois	Sept. 14	2337
	West Frankfort	Franklin	32	Illinois	May 24	2299

## MINE EXAMINERS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of exam-ination.	Number of cer-tificate.
Moore, Willis W.	Harrishurg	Saline	47	Indiana	May 24	2300
Morris, Albert	West Frankfort	Franklin	28	Illinois	Sept. 14	2338
Morris, Vernon	West Frankfort	Franklin	30	Illinois	Sept. 14	2339
Mucha, Charles	DuQuoin	Perry	33	Germany	Feb. 8	2246
Mucha, Fred	DuQuoin	Perry	35	Germany	May 24	2301
Muncy, Marion Lee	Taylorville	Christian	31	Indiana	Feb. 8	2247
Namesh, Michael Francis	Orient	Franklin	42	Hungary	May 24	2302
Norris, Robert L.	DuQuoin	Perry	26	Illinois	May 24	2303
Nowaske, Felix	Christopher	Franklin	29	Illinois	Feb. 8	2248
Oates, Roy	Johnston City	Williamson	33	Kentucky	Sept. 14	2340
O'Neal, Elmer A.	Staunton	Macoupin	31	Illinois	Sept. 14	2341
O'Shock, Thomas	Westville	Vermillion	39	Illinois	Sept. 14	2342
Overturf, Clarence	Sesser	Franklin	42	Illinois	May 24	2304
Overturf, Fitzhugh R.	Buckner	Franklin	32	Illinois	May 24	2319
Palmer, George A.	Christopher	Franklin	50	Indiana	May 24	2305
Pankey, Earl R.	Carrier Mills	Saline	40	Illinois	Feb. 8	2249
Pasquino, Pete	Johnston City	Williamson	29	Illinois	Sept. 14	2343
Passenger, Lawrence E.	Royalton	Franklin	30	Alabama	May 24	2306
Pauls, William	Dowell	Jackson	34	Germany	Feb. 8	2250
Peck, Dale	West Frankfort	Franklin	34	S. Dakota	Feb. 8	2251
Peters, Fred	Christopher	Franklin	47	Illinois	May 24	2307
Porter, Wm. Russell	Christopher	Franklin	42	Indiana	Feb. 8	2252
Proctor, John	Christopher	Franklin	32	Illinois	May 24	2308
Quigley, John Wesley	Elkville	Jackson	41	Illinois	May 24	2309
Ray, Lloyd	Nokomis	Montgomery	38	Illinois	May 24	2310
Reed, Willie	Christopher	Franklin	46	Indiana	Feb. 8	2253
Refett, Claude	Danville	Vermillion	25	Illinois	Sept. 14	2344
Rennie, James	West Frankfort	Franklin	33	Maryland	Feb. 8	2254
Rushing, John	Herrin	Williamson	39	Illinois	Feb. 8	2255
Samson, John	Springfield	Sangamon	44	Scotland	Feb. 8	2256
Seel, Samuel	Benton	Franklin	37	Illinois	May 24	2311
Sharkey, George	Christopher	Franklin	32	Austria	May 24	2312
Skinion, John Melton	Buckner	Franklin	22	Illinois	Feb. 8	2257
Slimack, Joe	West Frankfort	Franklin	33	Pennsylvania	Sept. 14	2345
Smith, Dewey	Benton	Franklin	39	Illinois	Sept. 14	2346
Smith, John, Jr.	Christopher	Franklin	46	Illinois	Sept. 14	2347
Stanfield, Guy	Christopher	Franklin	44	Illinois	May 24	2320
Stettler, Herman J.	Johnston City	Williamson	29	Illinois	May 24	2313
Swain, Homer N.	Hurst	Williamson	32	Illinois	Feb. 8	2258
Tregoning, Charles M.	Springfield	Sangamon	50	Scotland	Sept. 14	2348
Unsworth, James	Buckner	Franklin	23	Illinois	Feb. 8	2259
Vanus, Florent	Christopher	Franklin	35	Illinois	May 24	2314
Vaughn, Lon	Harrisburg	Saline	40	Illinois	May 24	2315
Veach, Louis	Valier	Franklin	35	Illinois	Feb. 8	2260
Walker, William J.	Mt. Olive	Macoupin	35	Wyoming	May 24	2321
Walker, Vernon	Harco	Saline	28	Illinois	Sept. 14	2349
Warren, Floyd	Royalton	Franklin	43	Illinois	May 24	2316
Webb, William Spiva	DuQuoin	Perry	43	Illinois	Feb. 8	2261
Wheat, James E.	West Frankfort	Franklin	37	Illinois	May 24	2317
Wilburn, Garnie	West Frankfort	Franklin	35	Illinois	May 24	2318
Wills, Britton J.	Danville	Vermillion	33	Illinois	Sept. 14	2350
Wilson, William	Johnston City	Williamson	34	Illinois	Sept. 14	2351
Woodburn, Virgil	Cambria	Williamson	37	Kentucky	Feb. 8	2262
Wright, James L.	DuQuoin	Perry	43	Illinois	Feb. 8	2263
Young, George	Benld	Macoupin	47	Kansas	Sept. 14	2352
Zanucchi, Louis P.	West Frankfort	Franklin	28	Illinois	Sept. 14	2353
Zimmerman, William	O'Fallon	St. Clair	51	Illinois	Sept. 14	2354

## STEAM HOISTING ENGINEERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Adams, Harold C.	Christopher	Franklin	36	Illinois	May 24	768
Arthur, Lawrence J.	Lincoln	Logan	41	Illinois	May 24	776
Beck, Ernest G.	Pinckneyville	Perry	37	Illinois	Feb. 8	762
Bixler, William H.	Eldorado	Saline	25	Illinois	Feb. 8	763
Bolerjack, Harry	Norris City	White	51	Illinois	May 24	769
Brons, Eldon J.	Norris	Fulton	26	Illinois	May 24	770
Campbell, David	Coal City	Grundy	36	Illinois	Feb. 8	764
Ferrari, Pete.	Centralia	Marion	28	Italy	Sept. 14	777
Frieman, David	Collinsville	Madison	28	Missouri	Feb. 8	765
Ingram, Neil E.	Blanford, Ind.	Vermilion	31	Illinois	May 24	771
Kinder, Lester M.	Troy	Madison	56	Illinois	Sept. 14	778
Lawless, John T.	Springfield	Sangamon	30	Illinois	Feb. 8	766
Lewis, Effie F.	Johnston City	Williamson	42	Illinois	May 24	772
Mateka, Joseph	Edwardsville	Madison	21	Illinois	Feb. 8	767
Minor, John Edward	Stonington	Christian	31	Illinois	Sept. 14	779
Ogden, Murven	Rushville	Schuyler	25	Illinois	Sept. 14	780
Scherer, Ralph	Mascoutah	St. Clair	25	Illinois	May 24	773
Seddon, John R.	Farmington	Fulton	35	Illinois	Sept. 14	781
Sheetz, Earl	Knoxville	Knox	28	Indiana	May 24	774
Wright, Frank, Jr.	Taylorville	Christian	28	Kentucky	May 24	775

## ELECTRICAL HOISTING ENGINEERS.

Name.	Post office	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Baker, Roy E.	Mazon	Grundy	32	Illinois	Feb. 8	549
Balagna, Michael	Farmington	Fulton	22	Illinois	May 24	558
Catheart, Robert A.	West Frankfort	Franklin	42	Illinois	May 24	560
Conci, Richard	Christopher	Franklin	36	Italy	May 24	559
Donaldson, Frank Barnett	Pekin	Tazewell	30	Illinois	Feb. 8	550
Donnelly, Tom	West Frankfort	Franklin	27	Missouri	Feb. 8	551
Easley, John H.	Taylorville	Christian	26	Illinois	Feb. 8	552
Grimmett, Frank	West Frankfort	Franklin	43	Illinois	May 24	561
Jones, Logan David	Marissa	St. Clair	68	Illinois	Sept. 14	566
Korasek, Vincent	New Athens	St. Clair	21	Illinois	Feb. 8	553
Menk, Hugh E.	Staunton	Macoupin	52	Illinois	Feb. 8	554
Pierce, Hollis M.	Christopher	Franklin	27	Indiana	May 24	562
Reak, Roy	Riverton	Sangamon	54	Illinois	Feb. 8	555
Rogers, Uel	Christopher	Franklin	26	Illinois	May 24	563
Salmons, Paul M.	Taylorville	Christian	28	Illinois	Feb. 8	556
Walters, Floyd	West Frankfort	Franklin	50	Kentucky	May 24	564
Williams, Vernon E.	West Frankfort	Franklin	37	Illinois	May 24	565
Wyatt, Robert T.	Gillespie	Macoupin	28	Illinois	Feb. 8	557

## PERMIT TO OPERATE SECOND MOTION STEAM ENGINES.

Name.	Post office.	County.	Age.	Birthplace.	Date of Permit	Number of Permit.
Addison, Reece	Dowell	Jackson	30	Illinois	Apr. 29	439
Allen, Jerry M.	Marseilles	LaSalle	47	Illinois	July 29	446
Beard, Raymond	DuQuoin	Perry	25	Illinois	Oct. 11	454
Belcher, G. E.	Mt. Carmel	Wabash	52	Indiana	May 26	441
Brandis, Joe	Ashland	Cass	22	Illinois	Sept. 13	450
Carlson, Carroll C.	Mineral	Bureau	21	Illinois	Dec. 17	459
Condo, Ralph	Marseilles	LaSalle	42	Pennsylvania	Feb. 20	432
Corder, Vallie	Marion	Williamson	35	Illinois	Jan. 27	430
Crosland, T. W.	Mineral	Bureau	59	Illinois	June 9	442
Gill, Elmo	DuQuoin	Perry	28	Illinois	July 15	445
Glenn, Clyde T.	Sparta	Randolph	42	Missouri	Nov. 20	457
Hall, Lucien	Keensburg	Wabash	46	Illinois	Apr. 1	436
Hochmuth, Frank W.	Staunton	Macoupin	21	Illinois	Nov. 12	456
Houston, George W.	Jackson	Elkville	42	Illinois	Apr. 24	437
Jenkins, Willis	Sheffield	Bureau	46	Indiana	Aug. 12	448
Junge, Edwin C.	Okawville	Washington	37	Illinois	Mar. 13	435
Kloth, Martin	Sparta	Randolph	21	Illinois	Sept. 28	453
Kness, Vincent J.	Viola	Mercer	34	Illinois	Nov. 23	458
Moore, Monroe	Marion	Williamson	58	Illinois	Sept. 13	452
Pease, Leroy	Viola	Mercer	48	Illinois	June 9	443
Rinne, Albert	Percy	Randolph	33	Illinois	Nov. 3	455
Rosene, Fred A.	Opheim	Henry	43	Illinois	Aug. 12	447
Rubenacker, Joe N.	Okawville	Washington	45	Indiana	Mar. 13	434
Scott, Everett Glenn	Wyoming	Stark	27	Illinois	Sept. 13	451
Siegel, Nolen H.	Worden	Madison	27	Illinois	Apr. 27	438
Sims, Clellon	Marion	Williamson	26	Illinois	Sept. 10	449
Sims, Ray	Marion	Williamson	39	Illinois	Feb. 15	431
Sims, Ray	Marion	Williamson	40	Illinois	July 1	444
Steckenrider, Ward	Mulkeytown	Franklin	22	Illinois	Mar. 8	433
Walden, Odren Ray	Chesterfield	Greene	28	Indiana	May 26	440

## PERMIT TO OPERATE SECOND MOTION ELECTRIC ENGINES.

Name.	Post office.	County.	Age.	Birthplace.	Date of Permit.	Number of Permit.
Brandt, D. C.	Mineral	Bureau	51	Illinois	Jan. 13	311
Carver, Henry F.	Riverton	Sangamon	40	Illinois	Apr. 8	313
Crum, Rison M.	Coal Valley	Rock Island	50	Missouri	Nov. 23	319
Dyer, Henry	Sherman	Sangamon	39	Illinois	Aug. 12	317
Eastman, Donald	Marion	Williamson	24	Illinois	Sept. 27	318
Jones, L. D.	Marissa	St. Clair	68	Illinois	Aug. 4	316
Madsen, Vernon H.	Sheffield	Bureau	23	Illinois	Jan. 13	312
Shannon, Herbert	Athens	Menard	25	Illinois	July 9	315
Spargo, Ralph J.	Coal Valley	Rock Island	39	Illinois	Nov. 23	320
Spicer, Frank, Jr.	Loami	Sangamon	34	Austria	May 26	314

•881-720  
5-41  
CC







